



**AUSTRALIAN BUREAU OF STATISTICS**  
**Canberra**



# **EMPLOYED WAGE AND SALARY EARNERS AUSTRALIA**

**JUNE QUARTER 1988**

**CATALOGUE NO. 6248.0**



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**EMPLOYED WAGE AND SALARY EARNERS**

**AUSTRALIA**

**JUNE QUARTER 1988**

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## SUMMARY OF FINDINGS

The total number of employed wage and salary earners in Australia in June 1988 was estimated as 5,938,700. This represents an increase of 15,500 (0.3 per cent) since March 1988 and an increase of 191,200 (3.3 per cent) compared to June 1987.

Over the last four years of the survey, the number of wage and salary earners has increased by 808,300 (15.8 per cent).

### Private and public sectors

Growth in the number of employed wage and salary earners (employees) in recent years is shown in Diagram 1 below. It can be seen that growth has been concentrated in the private sector. In the twelve months to June 1988, the number of private sector employees grew by 209,200 (5.2 per cent) to 4,198,900. This is consistent with an increase of 752,700 employees (21.8 per cent) since June 1984.

In contrast, over the same period very little growth has occurred in the public sector. In the twelve months to June 1988, the number of public sector employees decreased by 18,100 (1.0 per cent) to 1,739,800, although the public sector has grown by 55,600 (3.3 per cent) since June 1984.

The proportion of wage and salary earners employed in the private sector has continued to increase, from 67.2 per cent in June 1984, to 69.4 per cent in June 1987 and 70.7 per cent in June 1988.

Diagram 1 also shows:

- a sharp drop in the number of public sector employees in December and January each year, principally due to temporary staff in the education industry ceasing employment after the end of the school year;
- an increase in the number of public sector employees in June and July 1986, due to the employment of 40,700 temporary employees for the Census of Population and Housing; and
- an increase in the number of public sector employees in July 1987, due to the employment of 67,600 temporary

employees to conduct the Federal Election. This effect was partly offset by a fall in the number of employees in July in the education industry due to the incidence of school holidays in most States.

### Industries

Diagram 2 shows changes in the number of employed wage and salary earners, both for the twelve months to June 1988, and over the last four years to June 1988, classified by ASIC division.

The Finance, property and business services industry continues to show large employee growth, with an increase of 192,100 (35.3 per cent) since June 1984, and 42,100 (6.1 per cent) since June 1987, to 736,300 employees in June 1988.

The Recreation, personal and other services industry has also shown strong employee growth with an increase of 92,400 (27.2 per cent) since June 1984, and an increase of 20,200 (4.9 per cent) since June 1987, to 432,000 employees in June 1988.

Growth in the number of employees in the Construction industry has increased significantly recently. Of the increase of 61,300 employees (27.1 per cent) over the last four years, almost one half of the growth (28,300) has occurred in the last twelve months.

The Wholesale and retail trade industry has had above average growth in the four years since June 1984, with an increase in the number of employees of 235,000 (23.7 per cent) to 1,226,100 employees. In the last year, the increase was 95,700 employees (8.5 per cent).

The Electricity, gas and water industry continues as the main industry to show a fall in the number of employees in the last four years (9.1 per cent). Of this decrease, 4,900 (3.7 per cent) has occurred over the last year, with a drop to 128,200 employees.

The Communication, Transport and storage and Manufacturing industries are the only others to show a fall in the number of employees in the last year, with decreases of

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS  
AUSTRALIA

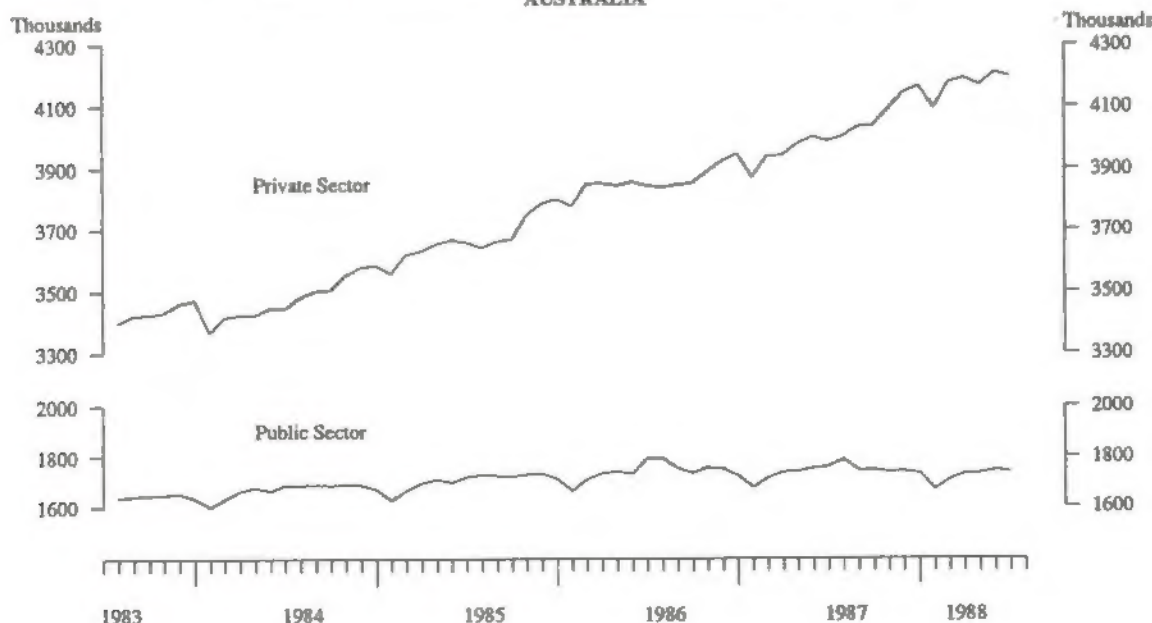
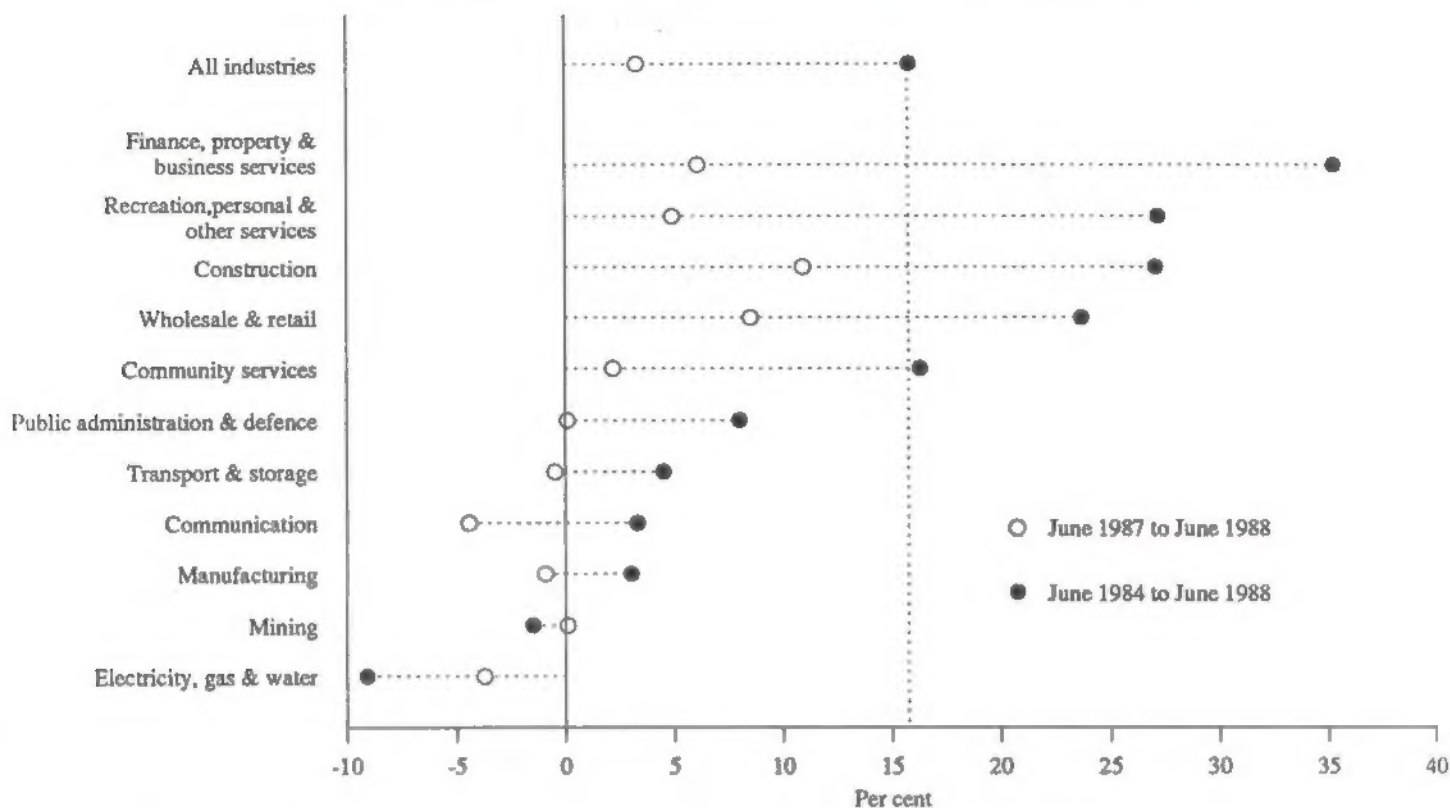




DIAGRAM 2. EMPLOYED WAGE AND SALARY EARNERS: EMPLOYEE GROWTH, AUSTRALIA



6,000 (4.4 per cent), 1,500 (0.5 per cent) and 9,200 (0.9 per cent) respectively.

#### Employer unit size

Estimates are given (Table 14) of private sector employees in employer units of various sizes. Diagram 3 shows the concentration of private sector employees in employer units in three size ranges, by industry.

Over all industries, employer units with less than 20 employees account for approximately 33 per cent of the number of private sector employees, employer units with 20-99 employees account for approximately 23 per cent, while those with 100 or more employees account for approximately 44 per cent. This proportion varies greatly across industries - employer units with 100 or more employees dominate the Mining industry, while the Con-

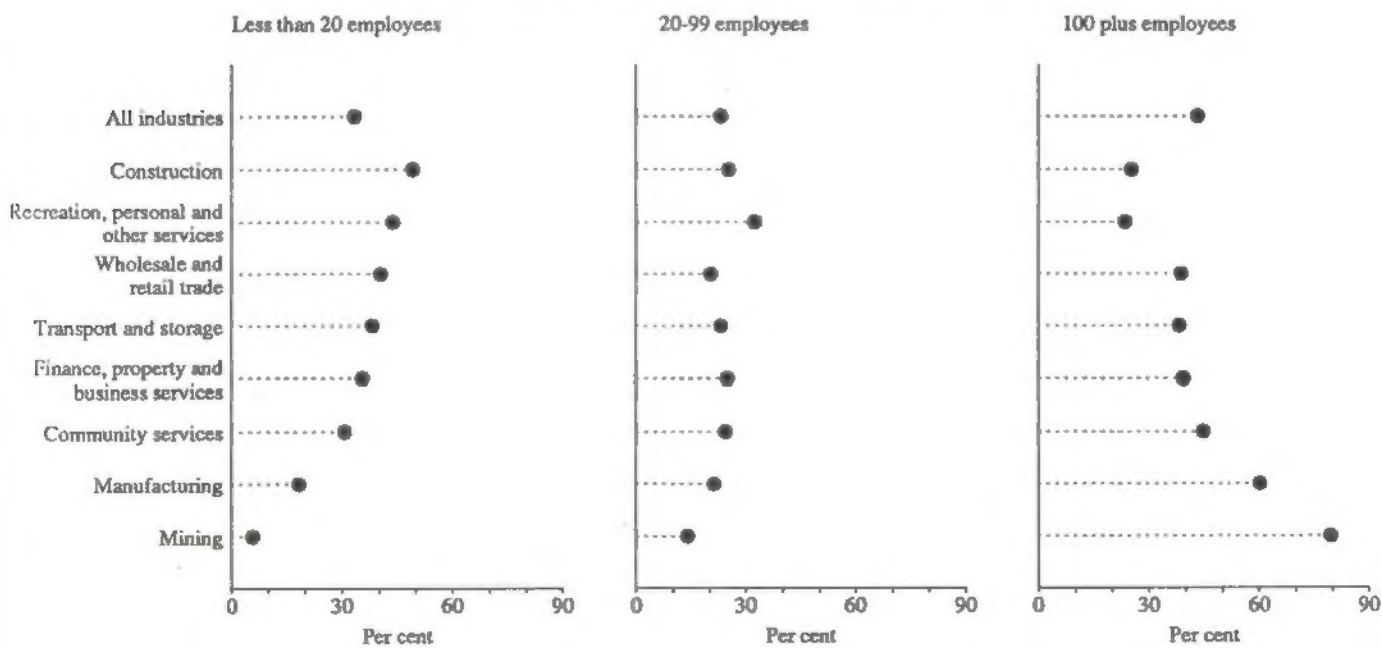
struction industry is dominated by employer units with less than 20 employees.

#### Male and female wage and salary earners

Estimates of male and female, as well as full-time and part-time, wage and salary earners relate to the middle month of each quarter. For the year to May 1988, the number of female employees has increased at almost twice the rate for male employees.

For female employment, growth has occurred in both the private and public sectors. In the last four years, the number of private sector female employees has increased by 400,200 (27.9 per cent) to 1,836,300 in May 1988. In this period, the number of public sector female employees has grown by 105,900 (16.7 per cent) to 738,900. In contrast, employee growth for males was concentrated in the

DIAGRAM 3. EMPLOYED WAGE AND SALARY EARNERS: PRIVATE SECTOR, INDUSTRIES, PROPORTION OF EMPLOYEES BY EMPLOYER UNIT SIZE, MAY 1988





private sector, with an increase over the four year period of 361,700 (18.0 per cent) to 2,373,600 employees in May 1988. The number of public sector male employees decreased in this period by 22,000 (2.1 per cent) to 1,005,700.

Diagram 4 shows the increasing proportion of female wage and salary earners to total wage and salary earners. This proportion has grown steadily from 40.5 per cent in May 1984 to 43.2 per cent in May 1988. The continued increase in the proportion of female employees is directly related to their high participation in part-time employment and in industries which display the strongest growth trends.

Diagram 4 also shows a seasonal fall, between November and February each year, in the proportion of wage and salary earners who are female. The principal contribution to this effect is a decrease in the number of part-time female employees in the Community services industry.

#### Full-time and part-time wage and salary earners

In May 1988, there were an estimated 4,523,300 full-time and 1,431,200 part-time employees in Australia. These represent an increase of 12,800 (0.3 per cent) full-time and 57,300 (4.2 per cent) part-time employees since February 1988.

Diagram 5 shows the growth in the number of full-time and part-time employees over the last four years. The rate of growth for part-time employees has been much greater than that of full-time employees, viz: 44.2 per cent, compared with 9.9 per cent. In the twelve months to May 1988, part-time employees have increased by 104,600 (7.9 per cent), compared with an increase in the number of full-time employees of 96,000 (2.2 per cent).

Since May 1984, percentage growth in the number of part-time employees has been of similar order in both the private and public sectors, 44.2 per cent and 44.3 per cent respectively. However, growth in the number of full-time employees has been concentrated in the private sector, (15.3 per cent) compared to the public sector (0.2 per cent).

The number of part-time female employees has increased by 311,600 (43.2 per cent) since May 1984, while the number of part-time male employees has increased by

DIAGRAM 4. FEMALE WAGE AND SALARY EARNERS AS A PERCENTAGE OF TOTAL, AUSTRALIA

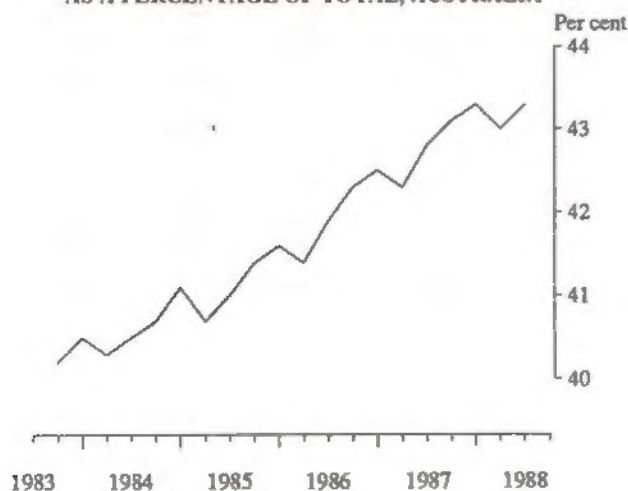
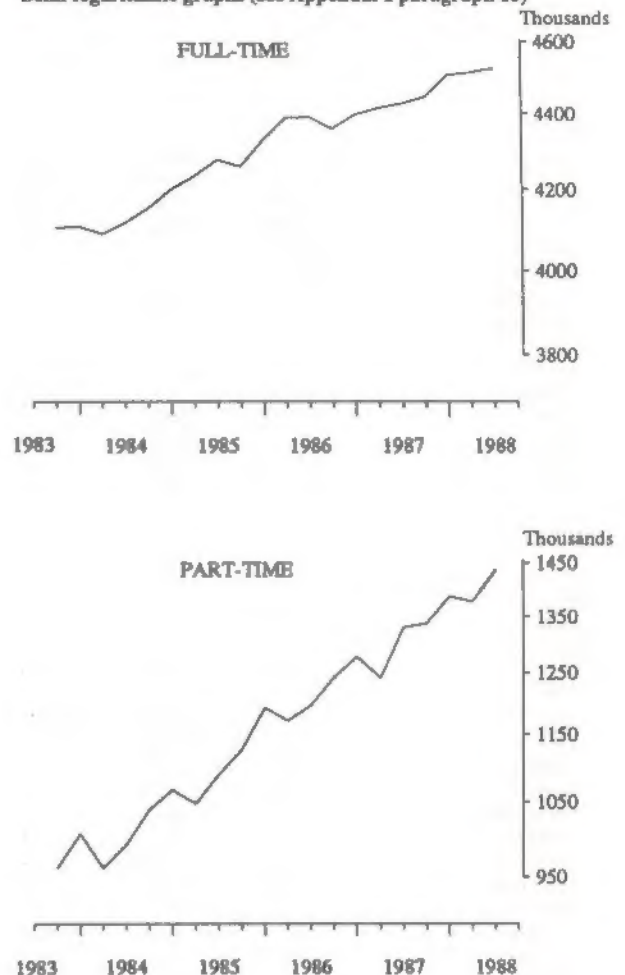


DIAGRAM 5. EMPLOYED WAGE AND SALARY EARNERS, PERSONS, AUSTRALIA

Semi-logarithmic graphs (see Appendix 1 paragraph 18)



127,400 (47.1 per cent). In the same four year period, the increase in the number of full-time female employees (194,400 - 14.4 per cent) is relatively more significant than that for full-time males (212,400 - 7.7 per cent).

#### Earnings

Total earnings for employed wage and salary earners in the June quarter 1988 are estimated as \$32,185.4m. This is an increase of \$2,846.9m (9.7 per cent) over the same period in the previous year and an increase of \$9,966.2m (44.9 per cent) over June quarter 1984.

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA, PERSONS ('000)

Month	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
PRIVATE									
1985- June	1,300.5	1,024.5	537.5	310.6	322.8	90.4	31.4	43.8	3,661.4
1986- June	1,347.1	1,113.4	551.0	313.7	344.9	93.8	36.7	45.2	3,845.7
1987- May	1,412.1	1,148.3	564.2	325.6	367.5	101.6	34.2	50.3	4,003.8
June	1,410.7	1,140.3	563.1	324.1	366.7	100.5	34.8	49.6	3,989.7
July	1,420.8	1,156.1	555.0	326.5	362.0	98.0	33.5	50.4	4,002.4
August	1,430.3	1,162.2	561.8	329.9	366.6	98.6	33.4	51.3	4,034.1
September	1,432.7	1,166.5	564.0	329.9	364.9	97.6	33.0	51.2	4,039.8
October	1,465.1	1,173.5	577.1	326.6	363.0	96.6	30.8	52.3	4,085.1
November	1,483.5	1,186.4	584.4	332.0	370.3	98.1	31.0	54.5	4,140.3
December	1,496.4	1,196.1	581.9	332.6	370.1	99.4	30.0	54.5	4,161.0
1988- January	1,494.2	1,171.2	560.3	r 336.6	r 357.5	96.7	28.9	52.0	r 4,097.3
February	1,524.5	1,194.6	571.3	r 342.1	r 363.3	98.6	28.8	54.7	r 4,177.8
March	1,522.8	1,202.1	577.0	r 343.0	r 365.9	98.7	29.1	54.7	r 4,193.2
April	1,526.9	1,186.9	576.0	339.2	360.8	96.0	30.5	53.4	4,169.9
May	1,537.5	1,196.7	589.2	341.7	362.7	96.6	31.6	54.1	4,209.9
June	1,535.4	1,191.3	588.7	339.8	361.2	96.3	32.4	53.9	4,198.9
PUBLIC									
1985- June	564.9	445.8	258.9	149.7	156.3	51.6	21.3	69.7	1,717.9
1986- June(a)	582.8	468.2	268.6	154.4	165.0	55.0	23.3	73.3	1,790.5
1987- May	577.6	455.8	258.1	152.0	157.7	54.3	21.8	73.1	1,750.2
June	581.1	456.5	259.1	153.7	158.6	53.8	22.0	73.1	1,757.9
July(b)	581.5	470.8	266.2	158.6	162.5	55.4	21.9	71.2	1,788.0
August	572.4	457.2	256.2	153.6	157.5	53.6	21.6	70.9	1,742.8
September	576.3	456.8	255.4	153.4	158.1	53.7	21.6	71.1	1,746.4
October	569.9	455.6	253.4	153.3	158.5	53.7	21.5	70.9	1,736.8
November	576.1	453.2	253.2	152.9	157.8	53.4	21.5	70.8	1,739.1
December	569.4	453.1	251.3	152.3	159.0	53.7	21.4	70.4	1,730.5
1988- January	547.9	439.8	246.5	146.8	147.0	51.3	21.3	69.4	1,670.0
February	565.5	448.0	247.5	149.7	153.6	51.1	21.0	70.4	1,706.7
March	570.9	454.0	251.7	151.7	156.8	51.9	21.5	71.5	1,730.0
April	572.1	453.7	253.0	151.8	157.8	52.6	21.5	71.6	1,734.0
May	578.1	455.7	254.0	151.0	159.1	53.0	21.4	72.3	1,744.6
June	573.6	455.0	253.5	151.5	159.6	52.3	21.7	72.5	1,739.8
PRIVATE AND PUBLIC									
1985- June	1,865.4	1,470.2	796.4	460.2	479.0	141.9	52.6	113.5	5,379.4
1986- June(a)	1,929.9	1,581.4	819.5	468.0	509.9	148.8	60.0	118.5	5,636.2
1987- May	1,989.6	1,604.0	822.4	477.5	525.1	155.9	56.0	123.4	5,754.0
June	1,991.7	1,596.7	822.2	477.7	525.3	154.2	56.8	122.7	5,747.5
July(b)	2,002.3	1,626.9	821.2	485.1	524.5	153.4	55.4	121.6	5,790.3
August	2,002.6	1,619.4	818.0	483.4	524.0	152.2	55.0	122.2	5,776.9
September	2,009.0	1,623.3	819.3	483.3	523.0	151.3	54.7	122.3	5,786.2
October	2,035.0	1,629.1	830.5	479.9	521.4	150.4	52.3	123.2	5,821.9
November	2,059.7	1,639.7	837.6	484.9	528.1	151.5	52.5	125.3	5,879.3
December	2,065.8	1,649.2	833.2	484.9	529.1	153.1	51.4	125.0	5,891.6
1988- January	2,042.1	1,610.9	806.8	r 483.4	r 504.5	148.0	50.3	121.4	r 5,767.4
February	2,090.0	1,642.5	818.8	r 491.7	r 516.8	149.6	49.8	125.1	r 5,884.4
March	2,093.7	1,656.1	828.7	r 494.7	r 522.7	150.6	50.7	126.2	r 5,923.2
April	2,099.0	1,640.6	829.0	491.0	518.7	148.7	52.0	125.0	5,903.9
May	2,115.6	1,652.4	843.1	492.7	521.8	149.5	53.0	126.4	5,954.5
June	2,109.1	1,646.3	842.2	491.2	520.8	148.6	54.1	126.4	5,938.7

(a) Includes temporary Population Census employees. (b) Includes temporary Australian Electoral Commission staff.

TABLE 2. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS  
(\$m)

Quarter	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
PRIVATE									
1983-84	19,652.6	14,650.4	7,315.1	4,138.0	4,572.7	1,215.4	383.0	538.2	52,465.5
1984-85	21,719.3	16,403.5	8,034.9	4,729.9	5,150.5	1,381.4	494.7	640.4	58,554.7
1985-86	24,030.5	18,747.2	8,830.5	5,171.7	5,869.0	1,513.7	601.1	708.2	65,471.9
1986-87	26,896.8	21,053.4	9,490.0	5,488.3	6,646.3	1,687.9	632.9	824.0	72,719.6
1987-88	31,149.5	23,957.9	10,549.8	6,080.3	7,309.7	1,751.3	624.8	957.5	82,380.7
1985- December	6,287.6	4,816.6	2,278.2	1,344.9	1,496.7	395.7	150.4	181.4	16,951.7
1986- March	5,872.1	4,590.1	2,168.6	1,248.0	1,473.4	374.4	142.8	176.8	16,046.2
June	6,239.7	4,966.1	2,268.3	1,317.3	1,523.6	395.0	165.7	185.7	17,061.5
September	6,498.2	5,153.9	2,338.2	1,318.7	1,606.6	397.0	167.7	193.8	17,674.2
December	6,960.5	5,503.3	2,429.5	1,440.3	1,701.1	440.3	157.1	205.9	18,838.0
1987- March	6,408.2	4,907.6	2,267.5	1,320.7	1,627.7	404.4	146.1	203.1	17,285.2
June	7,029.9	5,488.7	2,454.8	1,408.6	1,710.8	446.3	162.0	221.1	18,922.2
September	7,314.3	5,742.9	2,524.4	1,465.6	1,762.4	436.4	160.4	233.1	19,639.4
December	7,979.4	6,222.0	2,701.5	1,525.3	1,898.8	455.5	159.0	250.0	21,191.5
1988- March	7,707.1	5,796.5	2,563.1	1,481.8	1,770.9	411.0	149.3	230.4	20,110.1
June	8,148.8	6,196.5	2,760.8	1,607.5	1,877.6	448.3	156.0	244.0	21,439.6
PUBLIC									
1983-84	10,856.6	8,431.0	4,630.3	2,828.5	2,752.9	954.0	461.8	1,445.7	32,360.8
1984-85	11,678.5	9,112.8	5,002.5	3,078.7	3,069.9	1,038.2	497.3	1,607.0	35,084.9
1985-86	12,562.3	9,799.5	5,363.1	3,252.0	3,299.5	1,123.2	556.4	1,777.8	37,733.7
1986-87	13,415.4	10,565.4	5,702.4	3,423.2	3,509.9	1,169.6	584.2	1,914.0	40,284.2
1987-88	14,142.2	11,296.9	5,839.2	3,629.2	3,748.7	1,233.5	597.5	1,989.7	42,476.9
1985- December	3,295.7	2,496.8	1,351.3	847.4	851.2	307.4	150.8	454.7	9,755.3
1986- March	3,047.7	2,410.6	1,346.3	791.9	802.1	259.2	130.5	426.9	9,215.1
June	3,257.7	2,443.0	1,367.7	834.8	868.8	291.5	150.3	485.3	9,699.1
September	3,186.5	2,682.3	1,412.0	842.6	839.5	277.9	139.3	457.0	9,837.1
December	3,526.0	2,713.7	1,423.7	900.3	916.4	317.4	157.5	503.0	10,458.1
1987- March	3,170.9	2,552.2	1,377.1	786.2	830.2	268.7	134.5	452.9	9,572.7
June	3,532.0	2,617.3	1,489.5	894.2	923.9	305.6	152.9	501.0	10,416.3
September	3,433.2	2,849.0	1,484.2	873.4	913.1	315.3	158.7	507.0	10,534.0
December	3,591.1	2,812.5	1,435.6	924.9	966.9	313.9	147.1	489.0	10,681.0
1988- March	3,553.9	2,724.5	1,431.0	915.0	926.3	301.9	150.0	513.7	10,516.1
June	3,563.9	2,910.9	1,488.3	916.0	942.4	302.4	141.7	480.1	10,745.8
PRIVATE AND PUBLIC									
1983-84	30,509.2	23,081.4	11,945.4	6,966.5	7,325.5	2,169.4	844.9	1,983.9	84,826.3
1984-85	33,398.0	25,516.3	13,037.4	7,808.7	8,220.4	2,419.6	992.0	2,247.4	93,639.8
1985-86	36,592.8	28,546.7	14,193.6	8,423.7	9,168.6	2,636.9	1,157.5	2,486.0	103,205.7
1986-87	40,312.1	31,618.9	15,192.4	8,911.4	10,156.2	2,857.5	1,217.1	2,737.9	113,003.8
1987-88	45,291.6	35,254.8	16,389.0	9,709.4	11,058.4	2,984.7	1,222.3	2,947.2	124,857.6
1985- December	9,583.3	7,313.4	3,629.6	2,192.2	2,347.9	703.2	301.2	636.1	26,706.9
1986- March	8,919.8	7,000.7	3,514.9	2,039.9	2,275.5	633.5	273.3	603.7	25,261.3
June	9,497.4	7,409.1	3,635.9	2,152.1	2,392.4	686.5	316.0	671.0	26,760.5
September	9,684.7	7,836.2	3,750.2	2,161.3	2,446.1	674.8	307.0	650.8	27,511.2
December	10,486.4	8,217.1	3,853.3	2,340.5	2,617.5	757.8	314.6	708.9	29,296.1
1987- March	9,579.1	7,459.7	3,644.6	2,106.8	2,457.9	673.1	280.6	656.0	26,857.9
June	10,561.9	8,105.9	3,944.3	2,302.7	2,634.7	751.8	315.0	722.2	29,338.5
September	10,747.5	8,591.9	4,008.6	2,338.9	2,675.5	751.7	319.1	740.1	30,173.4
December	11,570.5	9,034.5	4,137.1	2,450.2	2,865.7	769.4	306.1	739.0	31,872.5
1988- March	11,260.9	8,521.0	3,994.1	2,396.8	2,697.2	712.9	299.3	744.0	30,626.3
June	11,712.7	9,107.4	4,249.2	2,523.5	2,820.0	750.7	297.8	724.1	32,185.4



TABLE 3. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
New South Wales	1,991.7	2,093.7	2,099.0	1,207.6	908.0	2,115.6	2,109.1	11,712.7
Private	1,410.7	1,522.8	1,526.9	866.8	670.7	1,537.5	1,535.4	8,148.8
Public	581.1	570.9	572.1	340.8	237.3	578.1	573.6	3,563.9
Commonwealth	140.3	135.6	134.4	88.4	47.6	135.9	135.4	858.5
State	377.5	373.3	375.9	203.3	177.0	380.3	376.5	2,345.4
Local	63.3	62.0	61.7	49.2	12.7	61.9	61.8	360.1
Victoria	1,596.7	1,656.1	1,640.6	925.2	727.2	1,652.4	1,646.3	9,107.4
Private	1,140.3	1,202.1	1,186.9	671.0	525.7	1,196.7	1,191.3	6,196.5
Public	456.5	454.0	453.7	254.2	201.5	455.7	455.0	2,910.9
Commonwealth	99.6	99.5	97.9	65.3	32.6	97.8	97.7	619.3
State	313.2	310.5	312.4	165.5	148.5	314.0	313.3	2,095.4
Local	43.8	44.0	43.4	23.5	20.4	43.9	44.0	196.2
Queensland	822.2	828.7	829.0	491.0	352.1	843.1	842.2	4,249.2
Private	563.1	577.0	576.0	335.8	253.4	589.2	588.7	2,760.8
Public	259.1	251.7	253.0	155.2	98.8	254.0	253.5	1,488.3
Commonwealth	51.1	49.7	50.1	32.3	18.1	50.4	50.2	301.9
State	181.3	175.4	176.2	100.3	76.4	176.7	176.5	1,046.8
Local	26.7	26.7	26.7	22.6	4.3	26.9	26.9	139.6
South Australia	477.7	r 494.7	491.0	282.1	210.6	492.7	491.2	2,523.5
Private	324.1	r 343.0	339.2	195.2	146.4	341.7	339.8	1,607.5
Public	153.7	151.7	151.8	86.9	64.1	151.0	151.5	916.0
Commonwealth	36.3	35.7	35.4	25.9	9.5	35.4	35.2	219.6
State	109.3	107.3	107.8	55.0	52.1	107.1	107.8	653.0
Local	8.3	8.7	8.5	5.9	2.5	8.4	8.4	43.4
Western Australia	525.3	r 522.7	518.7	294.3	227.4	521.8	520.8	2,820.0
Private	366.7	r 365.9	360.8	207.3	155.4	362.7	361.2	1,877.6
Public	158.6	156.8	157.8	87.1	72.0	159.1	159.6	942.4
Commonwealth	27.2	26.4	26.4	16.7	9.9	26.6	26.2	157.4
State	121.1	119.9	121.1	63.1	59.1	122.2	123.1	735.9
Local	10.3	10.4	10.3	7.2	3.1	10.3	10.2	49.2
Tasmania	154.2	150.6	148.7	84.6	64.9	149.5	148.6	750.7
Private	100.5	98.7	96.0	54.0	42.5	96.6	96.3	448.3
Public	53.8	51.9	52.6	30.6	22.4	53.0	52.3	302.4
Commonwealth	10.1	9.9	9.9	6.8	3.1	9.9	9.7	61.5
State	40.1	38.3	39.3	21.1	18.5	39.6	39.2	222.9
Local	3.5	3.6	3.4	2.7	0.8	3.5	3.4	18.1
Northern Territory	56.8	50.7	52.0	29.1	23.9	53.0	54.1	297.8
Private	34.8	29.1	30.5	17.8	13.8	31.6	32.4	156.0
Public	22.0	21.5	21.5	11.3	10.1	21.4	21.7	141.7
Commonwealth	5.3	5.0	5.1	3.2	1.9	5.1	5.1	33.0
State	15.9	15.7	15.6	7.6	7.9	15.5	15.7	104.5
Local	0.8	0.8	0.9	0.6	0.3	0.8	0.8	4.2
Aust. Capital Territory	122.7	126.2	125.0	65.3	61.1	126.4	126.4	724.1
Private	49.6	54.7	53.4	25.7	28.4	54.1	53.9	244.0
Public	73.1	71.5	71.6	39.6	32.7	72.3	72.5	480.1
Australia	5,747.5	r 5,923.2	5,903.9	3,379.3	2,575.2	5,954.5	5,938.7	32,185.4
Private	3,989.7	r 4,193.2	4,169.9	2,373.6	1,836.3	4,209.9	4,198.9	21,439.6
Public	1,757.9	1,730.0	1,734.0	1,005.7	738.9	1,744.6	1,739.8	10,745.8
Commonwealth	442.5	432.8	430.4	277.9	155.1	432.9	431.7	2,727.7
State(a)	1,158.8	1,141.1	1,148.7	616.2	539.8	1,155.9	1,152.6	7,207.4
Local	156.6	156.2	155.0	111.7	44.0	155.7	155.5	810.7

(a) Includes employees of State governments employed in the ACT.

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS - FULL-TIME AND PART-TIME(a) - MAY 1988

	Number of employees('000)					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	75.6	7.0	82.5	1.8	1.4	3.2
Manufacturing	738.7	225.9	964.6	29.3	59.4	88.7
Electricity, gas and water	114.1	12.4	126.5	0.5	1.4	1.8
Construction	232.7	29.0	261.6	14.9	13.3	28.3
Wholesale trade	256.4	89.8	346.2	17.7	33.3	51.1
Retail trade	284.5	185.4	469.9	102.3	255.4	357.7
Transport and storage	216.7	43.3	260.0	19.7	10.3	30.0
Communication	97.8	26.8	124.6	2.4	4.3	6.7
Finance, property and business services	301.9	270.5	572.4	45.1	117.2	162.2
Public administration and defence(b)	188.6	96.6	285.2	7.0	27.1	34.0
Community services	366.5	467.3	833.8	69.7	346.4	416.1
Recreation, personal and other services(c)	101.5	86.9	188.4	87.4	163.4	250.8
Total all industries(d)	2,981.3	1,542.0	4,523.3	398.0	1,033.2	1,431.2
Private	2,034.5	1,010.2	3,044.7	339.0	826.1	1,165.2
Public	946.7	531.8	1,478.5	59.0	207.1	266.0
STATES AND TERRITORIES						
New South Wales	1,054.5	560.2	1,614.7	153.1	347.9	501.0
Victoria	826.1	441.7	1,267.8	99.1	285.5	384.6
Queensland	430.7	212.7	643.4	60.3	139.5	199.7
South Australia	247.7	108.6	356.4	34.4	101.9	136.3
Western Australia	264.4	129.1	393.5	29.9	98.4	128.3
Tasmania	74.8	33.5	108.3	9.9	31.4	41.3
Northern Territory	25.9	16.8	42.7	3.2	7.1	10.3
Australian Capital Territory	57.1	39.5	96.6	8.2	21.6	29.8

(a) See Appendix 1-Explanatory Notes, paragraph 13 (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	77.3	79.5	78.2	70.8	8.1	78.9	77.8	748.6
Manufacturing	1,008.2	1,023.4	1,003.3	729.6	278.9	1,008.5	1,004.0	5,988.7
Electricity, gas and water	5.5	5.8	5.6	4.8	0.9	5.7	5.7	37.7
Construction	214.0	238.7	241.7	210.2	37.3	247.5	244.9	1,530.2
Wholesale and retail trade	1,125.1	1,191.8	1,214.5	657.8	562.4	1,220.2	1,221.5	5,239.0
Transport and storage	142.7	151.8	148.8	111.6	37.4	149.0	147.0	889.8
Road transport	81.8	87.4	84.8	69.1	16.0	85.1	83.9	444.2
Other transport and storage	60.9	64.3	64.0	42.5	21.4	63.9	63.1	445.6
Finance, property and business services	586.8	629.5	618.9	299.9	329.0	628.9	630.8	3,694.3
Banking	84.1	86.9	86.7	39.0	48.2	87.2	87.4	503.8
Non-bank finance and investment	81.4	89.7	92.9	41.8	52.9	94.7	95.7	612.3
Insurance and services to insurance	56.1	55.4	59.3	28.5	31.0	59.5	60.0	382.4
Property and business services	365.2	397.6	380.0	190.6	196.9	387.5	387.7	2,195.7
Community services	442.7	453.2	450.0	112.5	343.7	456.2	459.7	2,005.4
Health	218.2	223.5	223.5	37.3	186.3	223.6	224.8	1,033.5
Education, museum and library services	93.1	100.9	97.3	25.3	75.7	101.1	101.9	462.9
Welfare and religious institutions	71.6	73.2	77.5	24.5	54.8	79.3	79.4	239.4
Other community services	59.9	55.6	51.6	25.4	26.8	52.2	53.6	269.5
Recreation, personal and other services(a)	386.8	418.8	408.3	175.9	238.5	414.4	406.9	1,303.2
Entertainment and recreational services	73.9	92.8	84.4	48.8	39.0	87.8	84.3	308.3
Restaurants, hotels; personal services	312.8	326.0	323.9	127.2	199.5	326.6	322.5	994.9
Total all industries(b)	3,989.7	4,193.2	4,169.9	2,373.6	1,836.3	4,209.9	4,198.9	21,439.6
COMMONWEALTH GOVERNMENT								
Manufacturing	22.9	23.4	21.7	17.8	3.9	21.7	21.8	135.6
Electricity, gas and water	1.7	1.8	1.7	1.5	0.3	1.7	1.7	12.5
Construction	6.3	6.0	5.8	5.3	0.5	5.8	5.8	37.6
Wholesale and retail trade	1.4	1.1	1.1	0.6	0.5	1.1	1.1	7.7
Transport and storage	40.2	38.5	39.0	31.4	8.0	39.4	39.2	307.2
Communication	136.0	131.6	130.5	99.9	30.9	130.7	129.9	807.2
Finance, property and business services	49.7	48.5	48.3	21.2	26.9	48.1	47.8	274.5
Public administration and defence(c)	116.3	114.5	113.9	63.2	52.2	115.5	115.8	696.7
Community services	56.1	55.8	56.3	29.4	27.7	57.1	56.9	360.5
Recreation, personal and other services(a)	11.7	11.4	11.7	7.3	4.2	11.6	11.5	86.9
Total all industries(d)	442.5	432.8	430.4	277.9	155.1	432.9	431.7	2,727.7

For footnotes see end of table



TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
STATE GOVERNMENT								
Agriculture, forestry, fishing and hunting	8.6	7.8	7.8	6.3	1.4	7.7	7.9	45.7
Mining	7.2	6.9	6.9	6.6	0.3	6.9	6.8	61.2
Manufacturing	25.1	22.8	22.1	19.7	2.4	22.1	21.1	131.9
Electricity, gas and water	101.2	97.0	96.4	86.0	10.4	96.4	96.4	709.2
Construction	38.6	36.8	36.8	32.1	4.5	36.6	36.5	239.4
Wholesale and retail trade	3.7	3.4	3.4	2.4	1.1	3.5	3.5	19.7
Transport and storage	104.6	100.8	100.4	92.0	8.1	100.1	99.7	707.0
Finance, property and business services	57.7	57.5	57.2	25.8	31.8	57.6	57.7	303.4
Public administration and defence(c)	73.3	77.9	76.5	45.7	30.8	76.5	75.1	508.0
Community services	725.6	716.8	728.0	294.1	441.5	735.5	734.4	4,422.0
Recreation, personal and other services	13.1	13.4	13.3	5.5	7.5	13.0	13.4	59.9
Total all industries	1,158.8	1,141.1	1,148.7	616.2	539.8	1,155.9	1,152.6	7,207.4
LOCAL GOVERNMENT								
Electricity, gas and water	24.7	24.5	24.4	22.3	2.2	24.4	24.3	153.6
Public administration and defence(c)	128.0	127.7	126.5	86.7	40.6	127.3	127.1	636.7
Other industries	3.9	4.1	4.0	2.8	1.2	4.0	4.0	20.4
Total all industries	156.6	156.2	155.0	111.7	44.0	155.7	155.5	810.7

For footnotes see end of table.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting	8.8	8.0	8.0	6.6	1.4	8.0	8.1	47.5
Mining	7.2	6.9	6.9	6.6	0.3	6.9	6.8	61.2
Manufacturing	48.9	47.3	44.8	38.4	6.4	44.8	43.9	272.4
Electricity, gas and water	127.6	123.2	122.6	109.8	12.8	122.6	122.5	875.3
Construction	44.9	42.8	42.6	37.4	5.0	42.4	42.4	277.2
Wholesale and retail trade	5.2	4.6	4.6	3.0	1.6	4.7	4.7	27.6
Transport and storage	146.3	140.9	141.0	124.8	16.2	141.0	140.5	1,023.3
Road transport	20.4	21.3	21.3	19.3	2.0	21.3	21.4	139.6
Other transport and storage	125.9	119.6	119.7	105.5	14.2	119.7	119.1	883.7
Communication	136.0	131.6	130.5	99.9	30.9	130.7	129.9	807.2
Finance, property and business services	107.4	106.0	105.5	47.1	58.7	105.7	105.5	577.9
Banking	63.1	63.1	63.4	28.3	35.1	63.4	63.2	348.6
Non-bank finance and investment	2.5	2.1	2.1	1.2	0.9	2.1	2.1	15.4
Insurance and services to insurance	13.1	14.2	14.0	5.4	8.7	14.1	14.1	78.8
Property and business services	28.6	26.6	26.0	12.2	13.9	26.1	26.1	135.1
Public administration and defence(c)	317.7	320.0	316.9	195.6	123.7	319.2	318.1	1,841.5
Community services	782.8	773.6	785.3	323.6	470.1	793.7	792.4	4,787.2
Health	282.9	287.3	288.4	78.5	210.6	289.1	290.0	1,771.9
Education, museum and library services	380.2	364.9	375.1	158.3	222.9	381.3	379.9	2,232.5
Welfare and religious institutions	18.7	18.1	18.4	5.1	13.7	18.8	18.7	84.4
Other community services	101.1	103.4	103.4	81.7	22.8	104.5	103.7	698.4
Recreation, personal and other services	25.0	25.0	25.2	13.0	11.8	24.8	25.1	147.6
<b>Total all industries</b>	<b>1,757.9</b>	<b>1,730.0</b>	<b>1,734.0</b>	<b>1,005.7</b>	<b>738.9</b>	<b>1,744.6</b>	<b>1,739.8</b>	<b>10,745.8</b>
PRIVATE AND PUBLIC								
Mining	84.5	86.4	85.1	77.4	8.3	85.7	84.6	809.7
Coal	33.0	30.6	30.6	29.5	0.8	30.3	30.4	314.8
Other mining	51.5	55.8	54.5	47.9	7.5	55.4	54.2	494.9
Manufacturing	1,057.0	1,070.8	1,048.2	768.0	285.3	1,053.3	1,047.8	6,261.2
Food, beverages and tobacco	177.0	181.2	175.2	122.4	51.9	174.3	171.4	993.6
Textiles	32.0	33.1	34.1	21.4	13.4	34.8	34.7	194.4
Clothing	62.2	60.5	57.4	12.4	45.2	57.7	57.3	246.0
Footwear	12.8	14.1	12.8	5.0	7.6	12.6	12.3	58.0
Wood and wood products	45.2	50.8	49.8	42.5	7.6	50.1	49.5	264.6
Furniture and mattresses	33.4	36.0	32.8	26.6	6.6	33.1	33.0	160.0
Paper and paper products	24.2	24.3	24.9	19.8	5.0	24.9	24.6	166.3
Printing and allied industries	83.8	88.3	89.2	56.6	33.6	90.2	90.0	536.3
Chemicals	53.3	52.7	51.4	35.0	16.7	51.7	51.5	359.4
Petroleum and coal products	5.4	4.3	4.2	3.9	0.3	4.2	4.2	42.6
Non-metallic mineral products	42.1	44.3	42.3	37.5	5.3	42.8	42.9	289.0
Basic iron and steel	47.2	46.0	46.6	42.8	3.7	46.5	46.4	333.0
Other basic metal products	29.1	29.2	28.2	26.0	2.3	28.4	28.4	214.6
Fabricated metal products	97.0	103.2	101.6	82.4	19.6	101.9	102.6	562.3
Motor vehicles and parts	68.2	65.0	65.7	54.2	11.8	66.0	66.0	385.1
Other transport equipment	45.0	43.0	40.4	37.6	3.0	40.6	40.5	311.8
Other machinery and equipment	137.0	129.0	126.4	96.3	31.3	127.6	127.2	774.5
Miscellaneous manufacturing	62.3	65.8	65.3	45.6	20.4	65.9	65.4	369.7

For footnotes see end of table.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC-continued								
Electricity, gas and water	133.1	129.0	128.3	114.6	13.7	128.3	128.2	912.9
Electricity and gas	90.0	87.7	87.2	77.9	9.7	87.5	87.5	643.9
Water, sewerage and drainage	43.1	41.3	41.0	36.7	4.1	40.8	40.7	269.1
Construction	259.0	281.5	284.3	247.6	42.3	289.9	287.3	1,807.4
Wholesale and retail trade	1,130.4	1,196.4	1,219.1	660.9	564.0	1,224.9	1,226.1	5,266.6
Wholesale trade	382.6	401.2	393.5	274.1	123.1	397.3	395.6	2,455.5
Retail trade	747.8	795.2	825.7	386.8	440.9	827.6	830.6	2,811.1
Motor vehicles, petrol, tyres	166.4	181.6	193.0	153.6	39.8	193.4	192.6	903.9
Other retail trade	581.3	613.6	632.7	233.1	401.1	634.2	637.9	1,907.2
Transport and storage	289.0	292.6	289.8	236.4	53.6	290.0	287.5	1,913.1
Road transport	102.3	108.7	106.1	88.4	18.0	106.4	105.3	583.8
Rail transport	83.8	79.6	79.2	73.5	5.4	78.9	78.5	556.6
Water transport	8.3	7.4	8.2	6.3	*1.8	8.1	7.9	61.3
Air transport	30.3	31.4	32.4	22.2	10.5	32.8	32.8	265.4
Other transport and storage	64.5	65.5	63.8	45.9	17.9	63.8	63.1	446.0
Communication	136.5	132.3	131.1	100.3	31.1	131.3	130.5	809.9
Finance, property and business services	694.2	735.5	724.5	346.9	387.7	734.6	736.3	4,272.2
Banking	147.2	150.1	150.2	67.3	83.3	150.6	150.6	852.5
Non-bank finance	40.6	43.0	43.4	17.0	27.0	44.0	44.4	278.8
Investment; services to finance and investment	43.4	48.8	51.6	26.0	26.8	52.9	53.4	348.8
Insurance and services to insurance	69.2	69.6	73.2	31.9	39.7	73.6	74.1	461.2
Property and business services	393.8	424.1	406.1	202.8	210.8	413.6	413.8	2,330.8
Public admin. and defence(c)	317.7	320.0	316.9	195.6	123.7	319.2	318.1	1,841.5
Commonwealth government admin.	93.1	90.5	89.8	47.4	43.8	91.2	91.3	575.0
State government admin.	67.1	71.0	69.6	41.8	27.8	69.6	68.2	461.1
Local government admin.	128.1	127.8	126.7	86.7	40.7	127.4	127.3	637.0
Other public admin. and defence(c)	29.4	30.7	30.8	19.7	11.4	31.1	31.4	168.3
Community services	1,225.5	1,226.9	1,235.3	436.2	813.7	1,249.9	1,252.1	6,792.6
Health	501.0	510.8	512.0	115.8	397.0	512.8	514.8	2,805.4
Education, museum and library services	473.3	465.8	472.4	183.7	298.7	482.3	481.8	2,695.4
Welfare and religious institutions	90.3	91.2	95.9	29.6	68.5	98.0	98.1	323.8
Other community services	160.9	159.0	155.0	107.1	49.6	156.7	157.3	968.0
Recreation, personal and other services(a)	411.8	443.8	433.4	188.9	250.3	439.2	432.0	1,450.8
Entertainment and recreational services	95.3	113.6	105.3	60.1	48.2	108.3	105.2	436.3
Restaurants, hotels, personal services	316.5	330.2	328.1	128.8	202.1	330.9	326.8	1,014.5
Total all industries(d)	5,747.5	5,923.2	5,903.9	3,379.3	2,575.2	5,954.5	5,938.7	32,185.4

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	22.7	23.6	21.5	20.4	1.0	21.3	21.2	210.6
Manufacturing	354.6	371.8	358.0	260.5	99.9	360.4	358.5	2,218.6
Electricity, gas and water; construction	78.2	87.4	89.5	75.8	14.8	90.6	88.1	570.6
Wholesale and retail trade	394.5	413.8	439.6	240.6	201.3	442.0	445.3	1,967.2
Transport and storage	48.2	53.8	53.5	38.9	14.3	53.2	52.6	329.0
Finance, property and business services	227.6	251.5	249.2	122.0	131.3	253.3	253.6	1,576.8
Banking	30.9	32.5	33.1	14.4	18.5	32.9	33.0	205.5
Non-bank finance, investment and insurance	55.5	60.0	64.9	29.7	35.9	65.7	66.2	426.7
Property and business services	141.2	159.0	151.2	77.9	76.9	154.7	154.4	944.6
Community services	146.3	158.9	156.7	37.8	120.2	157.9	158.6	743.8
Health	76.6	80.3	80.5	14.1	66.3	80.4	80.2	413.6
Education, museum and library services	32.2	37.9	35.9	7.9	29.1	37.0	37.6	169.6
Welfare and other community services	37.5	40.6	40.3	15.8	24.8	40.6	40.8	160.6
Recreation, personal and other services(a)	138.3	161.7	158.8	70.8	88.0	158.8	157.3	531.2
Total all Industries(b)	1,410.7	1,522.8	1,526.9	866.8	670.7	1,537.5	1,535.4	8,148.8
PUBLIC								
Agriculture, forestry, fishing and hunting	3.3	3.3	3.3	2.6	0.7	3.3	3.4	18.6
Mining	3.7	3.6	3.5	3.5	0.1	3.5	3.5	34.0
Manufacturing	19.0	18.2	17.9	16.3	1.7	18.0	17.4	114.0
Electricity, gas and water; construction	60.8	57.8	57.5	51.5	6.2	57.7	57.6	397.0
Wholesale and retail trade	1.0	0.8	0.8	0.5	0.3	0.8	0.8	4.9
Transport and storage	57.1	55.3	55.6	48.1	7.5	55.6	55.4	415.3
Communication	49.6	46.6	45.8	35.6	11.0	46.5	46.1	284.7
Finance, property and business services	46.4	46.2	45.9	17.9	27.9	45.9	45.7	239.0
Banking	26.5	26.0	26.0	11.4	14.5	25.9	25.8	149.7
Non-bank finance, investment and insurance	5.1	5.3	5.1	1.9	3.3	5.1	5.1	30.0
Property and business services	14.8	15.0	14.7	4.6	10.1	14.8	14.8	59.4
Public administration and defence(c)	94.3	93.6	92.3	59.2	33.6	92.8	91.6	534.5
Community services	236.6	236.2	240.2	100.5	144.3	244.8	242.7	1,458.2
Health	82.5	85.8	86.2	23.7	62.9	86.6	87.3	556.5
Education, museum and library services	112.2	108.1	111.5	48.9	66.0	114.9	112.6	674.4
Welfare and other community services	42.0	42.3	42.5	27.9	15.4	43.3	42.8	227.4
Recreation, personal and other services	9.2	9.3	9.3	5.2	4.1	9.3	9.5	63.8
Total all industries	581.1	570.9	572.1	340.8	237.3	578.1	573.6	3,563.9

For footnotes see end of table.

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	26.4	27.2	25.1	23.8	1.0	24.8	24.7	244.6
Manufacturing	373.6	390.1	375.8	276.8	101.6	378.4	375.9	2,332.6
Food, beverages and tobacco	54.7	55.3	55.0	38.2	16.9	55.1	53.8	333.2
Textiles; clothing and footwear	31.6	31.6	27.9	11.0	17.2	28.2	27.9	137.5
Wood and wood products	14.1	19.6	16.9	14.6	2.6	17.2	17.1	92.4
Furniture and mattresses	11.4	15.4	11.9	9.0	3.0	12.0	11.9	61.7
Paper, paper products, printing and publishing	36.3	40.0	38.7	25.8	13.1	38.9	39.0	252.4
Chemical, petroleum and coal products	25.4	27.3	26.3	17.5	9.1	26.6	26.5	196.7
Non-metallic mineral products	14.1	14.5	15.5	13.5	2.2	15.7	15.6	103.4
Basic metal products	38.0	36.5	37.5	34.6	2.8	37.4	37.4	276.4
Fabricated metal products	36.3	39.1	36.3	28.7	7.6	36.3	36.3	204.3
Motor vehicles and parts	9.5	8.1	9.0	7.4	1.7	9.1	8.8	54.2
Other transport equipment	18.2	18.4	17.9	16.9	1.3	18.1	18.0	107.5
Other machinery and equipment	60.8	58.3	57.6	43.1	14.9	58.0	58.1	366.0
Miscellaneous manufacturing	23.2	26.2	25.3	16.6	9.1	25.7	25.5	146.9
Electricity, gas and water	47.6	46.0	45.7	41.1	5.0	46.1	46.0	322.3
Construction	91.4	99.2	101.2	86.1	16.1	102.2	99.7	645.2
Wholesale and retail trade	395.5	414.6	440.3	241.1	201.6	442.7	446.1	1,972.1
Wholesale trade	143.9	148.8	145.1	98.5	48.2	146.7	145.6	941.4
Retail trade	251.5	265.8	295.3	142.6	153.4	296.0	300.5	1,030.8
Motor vehicles, petrol, tyres	58.8	64.5	68.6	54.8	14.7	69.5	69.6	321.7
Other retail trade	192.7	201.3	226.6	87.8	138.8	226.6	230.9	709.0
Transport and storage	105.4	109.1	109.1	87.0	21.8	108.8	108.0	744.3
Road transport	33.4	37.9	37.8	30.8	6.8	37.6	37.2	220.0
Other transport and storage	72.0	71.2	71.3	56.2	15.0	71.2	70.8	524.3
Communication	49.9	46.9	45.9	35.7	11.0	46.7	46.3	285.6
Finance, property and business services	274.1	297.7	295.1	139.9	159.2	299.1	299.3	1,815.8
Banking	57.5	58.4	59.1	25.8	33.0	58.8	58.8	355.1
Non-bank finance and investment	36.3	37.3	41.3	18.5	23.6	42.1	42.4	269.2
Insurance and services to insurance	24.3	28.0	28.7	13.1	15.6	28.8	29.0	187.5
Property and business services	156.0	173.9	165.9	82.5	87.0	169.5	169.1	1,003.9
Public admin. and defence(c)	94.3	93.6	92.3	59.2	33.6	92.8	91.6	534.5
Commonwealth government admin	20.2	19.6	18.6	8.8	10.0	18.8	19.0	108.6
State government admin	22.8	23.8	23.5	13.3	10.3	23.6	22.2	146.6
Local government admin.	43.1	41.7	41.5	31.1	10.6	41.7	41.7	233.6
Other public admin. and defence(c)	8.2	8.5	8.6	6.0	2.7	8.7	8.8	45.7
Community services	382.9	395.0	396.9	138.3	264.4	402.7	401.3	2,202.0
Health	159.1	166.1	166.8	37.8	129.1	166.9	167.6	970.1
Education, museum and library services	144.4	146.0	147.4	56.8	95.1	151.9	150.2	844.0
Welfare and other community services	79.4	82.9	82.8	43.7	40.2	83.8	83.6	388.0
Recreation, personal and other services(a)	147.4	171.0	168.2	76.0	92.1	168.0	166.8	595.0
Entertainment and recreational services	33.2	46.5	41.3	22.7	18.8	41.5	41.5	191.0
Restaurants, hotels; personal services	114.2	124.5	126.9	53.2	73.3	126.5	125.3	404.0
Total all industries(d)	1,991.7	2,093.7	2,099.0	1,207.6	908.0	2,115.6	2,109.1	11,712.7

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	4.7	5.2	4.9	4.3	0.7	5.0	5.1	44.4
Manufacturing	344.6	342.1	338.1	232.7	105.8	338.5	336.2	2,054.5
Electricity, gas and water; construction	57.6	62.5	61.9	53.7	10.3	63.9	62.9	376.4
Wholesale and retail trade	315.4	334.2	335.2	184.4	151.1	335.4	334.8	1,549.7
Transport and storage	37.5	45.2	42.3	32.2	10.1	42.3	41.8	244.9
Finance, property and business services	171.4	192.0	178.6	88.0	93.4	181.5	182.5	1,084.2
Banking	24.8	25.9	25.4	12.4	13.6	26.0	25.7	152.6
Non-bank finance, investment and insurance	41.0	45.0	43.1	20.3	23.4	43.7	44.4	290.7
Property and business services	105.5	121.1	110.1	55.3	56.5	111.8	112.4	640.9
Community services	120.5	123.8	124.3	30.1	96.2	126.2	127.1	535.6
Health	48.7	52.9	55.2	9.1	46.1	55.2	56.1	231.7
Education, museum and library services	31.4	30.7	30.7	7.9	24.1	31.9	32.3	145.9
Welfare and other community services	40.4	40.2	38.4	13.1	26.0	39.1	38.7	158.0
Recreation, personal and other services(a)	88.5	96.9	101.4	45.7	58.1	103.8	100.7	305.9
Total all Industries(b)	1,140.3	1,202.1	1,186.9	671.0	525.7	1,196.7	1,191.3	6,196.5
PUBLIC								
Agriculture, forestry, fishing and hunting	-	-	-	-	-	-	-	0.3
Mining	2.1	2.2	2.2	2.1	-	2.2	2.2	16.6
Manufacturing	14.8	14.1	12.4	9.8	2.5	12.3	12.3	76.3
Electricity, gas and water; construction	46.6	45.9	45.7	40.6	5.0	45.6	45.5	338.2
Wholesale and retail trade	1.4	1.3	1.3	0.8	0.6	1.4	1.4	9.4
Transport and storage	32.6	31.1	30.9	27.2	3.7	30.9	30.8	232.1
Communication	36.0	36.3	36.3	27.3	8.8	36.1	36.0	228.5
Finance, property and business services	22.9	21.9	21.9	9.7	12.4	22.1	22.0	124.0
Banking	16.9	17.6	17.6	7.9	9.9	17.8	17.7	97.2
Non-bank finance, investment and insurance	3.0	3.1	3.0	1.1	2.0	3.1	3.1	17.7
Property and business services	3.0	1.2	1.2	0.7	0.5	1.2	1.3	9.0
Public administration and defence(c)	83.2	85.8	84.3	47.8	37.2	85.0	85.1	470.5
Community services	211.7	210.0	212.9	86.5	128.5	214.9	214.4	1,385.3
Health	84.6	85.3	86.0	22.7	63.1	85.8	86.0	526.9
Education, museum and library services	100.9	97.5	99.6	44.0	57.9	101.8	101.0	648.1
Welfare and other community services	26.2	27.2	27.3	19.8	7.5	27.3	27.4	210.3
Recreation, personal and other services	5.2	5.4	5.5	2.5	2.8	5.3	5.3	29.8
Total all Industries	456.5	454.0	453.7	254.2	201.5	455.7	455.0	2,910.9

For footnotes see end of table.



TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	6.8	7.4	7.1	6.4	0.7	7.1	7.2	61.0
Manufacturing	359.3	356.2	350.5	242.4	108.3	350.7	348.5	2,130.8
Food, beverages and tobacco	49.6	51.4	49.8	33.9	14.9	48.8	47.9	293.2
Textiles; clothing and footwear	59.0	58.0	57.5	20.6	37.0	57.6	57.1	271.7
Wood and wood products	10.3	9.7	10.5	8.4	*2.2	10.6	10.3	53.6
Furniture and mattresses	9.8	7.6	7.6	6.5	1.1	7.6	7.4	38.2
Paper, paper products, printing and publishing	35.0	36.3	37.4	25.9	11.9	37.9	37.8	230.9
Chemical, petroleum and coal products	20.6	18.7	18.4	12.8	5.5	18.3	18.2	132.3
Non-metallic mineral products	12.5	14.1	11.3	9.8	1.5	11.3	11.3	84.3
Basic metal products	13.1	14.2	12.8	11.3	1.4	12.7	12.7	94.0
Fabricated metal products	29.4	31.4	34.4	27.4	7.2	34.6	35.2	190.1
Motor vehicles and parts	40.5	39.4	39.6	31.5	8.2	39.7	39.9	235.9
Other transport equipment	13.5	12.3	10.0	8.9	1.0	9.9	9.9	130.0
Other machinery and equipment	42.4	39.5	38.6	29.1	9.9	39.0	38.4	241.7
Miscellaneous manufacturing	23.8	23.5	22.7	16.3	6.5	22.8	22.4	134.8
Electricity, gas and water	39.3	38.9	38.8	34.5	4.2	38.7	38.7	288.6
Construction	64.8	69.5	68.8	59.8	11.0	70.8	69.7	426.0
Wholesale and retail trade	316.9	335.6	336.5	185.1	151.6	336.8	336.2	1,559.1
Wholesale trade	116.6	117.8	115.9	78.9	37.3	116.2	116.6	765.9
Retail trade	200.3	217.7	220.6	106.3	114.3	220.6	219.6	793.2
Motor vehicles, petrol, tyres	36.0	45.9	50.6	41.4	9.3	50.7	50.5	250.7
Other retail trade	164.3	171.8	170.0	64.9	105.0	169.8	169.1	542.4
Transport and storage	70.1	76.3	73.2	59.4	13.8	73.2	72.6	477.0
Road transport	27.1	33.5	30.3	25.5	*5.1	30.6	30.3	158.0
Other transport and storage	43.0	42.8	42.9	33.9	8.7	42.6	42.3	319.0
Communication	36.1	36.5	36.4	27.3	8.9	36.3	36.2	229.4
Finance, property and business services	194.3	213.9	200.6	97.8	105.8	203.5	204.6	1,208.2
Banking	41.7	43.5	43.1	20.3	23.4	43.7	43.4	249.8
Non bank finance and investment	20.0	*29.1	27.5	12.8	15.3	28.1	28.6	189.1
Insurance and services to insurance	24.0	18.9	18.7	8.6	10.1	18.7	18.9	119.3
Property and business services	108.5	122.3	111.3	56.0	57.0	113.0	113.6	650.0
Public admin. and defence(c)	83.2	85.8	84.3	47.8	37.2	85.0	85.1	470.5
Commonwealth government admin.	14.5	14.6	14.7	7.9	7.2	15.1	15.0	87.5
State government admin.	18.6	20.5	19.5	12.2	7.1	19.3	19.3	145.8
Local government admin.	41.4	41.7	41.1	22.0	19.6	41.6	41.7	183.2
Other public admin. and defence(c)	8.7	9.0	8.9	5.6	3.4	9.0	9.1	53.9
Community services	332.2	333.8	337.3	116.5	224.6	341.1	341.5	1,920.9
Health	133.2	138.3	141.2	31.8	109.1	140.9	142.1	758.7
Education, museum and library services	132.4	128.1	130.3	51.8	81.9	133.7	133.3	794.0
Welfare and other community services	66.6	67.4	65.7	32.9	33.6	66.4	66.1	368.3
Recreation, personal and other services(a)	93.8	102.3	106.9	48.2	60.9	109.0	106.0	335.7
Entertainment and recreational services	25.8	24.8	28.5	18.2	11.5	29.8	27.8	109.9
Restaurants, hotels; personal services	68.0	77.5	78.4	29.9	49.3	79.3	78.2	225.8
Total all industries(d)	1,596.7	1,656.1	1,640.6	925.2	727.2	1,652.4	1,646.3	9,107.4

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE								
Mining	17.3	17.5	17.8	16.5	1.5	18.0	17.7	178.2
Manufacturing	118.9	116.1	115.5	90.3	26.5	116.9	117.0	629.3
Electricity, gas and water; construction	37.8	39.8	42.0	37.5	5.7	43.2	44.0	261.7
Wholesale and retail trade	168.4	181.8	180.9	95.9	87.2	183.1	182.6	689.8
Transport and storage	22.5	20.3	20.5	15.2	5.9	21.1	20.8	118.1
Finance, property and business services	64.8	65.2	72.1	36.8	37.3	74.1	74.3	412.5
Banking	12.6	12.9	12.8	5.5	7.4	12.9	13.1	66.9
Non-bank finance, investment and insurance	13.7	*13.7	16.8	8.4	8.9	17.2	17.3	105.8
Property and business services	38.6	38.6	42.4	22.8	21.1	43.9	43.8	239.8
Community services	68.1	66.5	66.4	18.3	50.2	68.5	69.7	282.5
Health	36.2	34.0	32.8	5.3	27.3	32.6	32.5	142.5
Education, museum and library services	14.3	15.8	14.9	4.6	11.3	15.9	15.6	67.1
Welfare and other community services	17.6	16.7	18.7	8.5	11.6	20.0	21.6	73.0
Recreation, personal and other services(a)	65.3	69.6	60.7	25.2	38.8	64.0	62.5	188.4
Total all industries(b)	563.1	577.0	576.0	335.8	253.4	589.2	588.7	2,760.8
PUBLIC								
Agriculture, forestry, fishing and hunting	2.5	1.7	1.7	1.5	0.2	1.7	1.7	10.3
Manufacturing	6.7	6.5	6.2	5.4	0.9	6.3	6.0	37.6
Electricity, gas and water; construction	24.1	22.3	22.3	19.5	2.7	22.1	22.1	153.4
Wholesale and retail trade	2.1	1.7	1.7	1.3	0.4	1.8	1.7	9.0
Transport and storage	29.3	27.8	27.9	25.5	2.4	27.9	27.8	196.7
Communication	22.5	21.5	21.4	16.5	4.7	21.2	21.2	126.8
Finance, property and business services	12.4	12.1	12.0	6.1	5.9	12.0	12.0	69.9
Banking	6.3	6.1	6.1	2.7	3.4	6.1	6.1	33.7
Non-bank finance, investment and insurance	3.2	3.2	3.2	1.5	1.7	3.2	3.2	17.3
Property and business services	3.0	2.8	2.7	1.9	0.8	2.7	2.7	18.9
Public administration and defence(c)	43.6	43.6	43.8	30.1	14.2	44.3	44.4	234.9
Community services	113.6	111.9	113.3	48.0	66.0	114.0	113.9	635.9
Health	36.9	37.0	37.3	11.1	26.5	37.6	37.3	215.3
Education, museum and library services	58.8	56.6	57.7	22.5	35.2	57.7	58.2	303.4
Welfare and other community services	17.9	18.2	18.3	14.4	4.3	18.7	18.4	117.2
Recreation, personal and other services	2.2	2.6	2.6	1.3	1.3	2.6	2.7	14.0
Total all industries	259.1	251.7	253.0	155.2	98.8	254.0	253.5	1,488.3

For footnotes see end of table.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	17.3	17.5	17.8	16.5	1.5	18.0	17.7	178.2
Coal	9.8	9.0	9.1	8.6	0.4	9.1	9.1	98.9
Other mining	7.6	8.5	8.7	7.9	1.1	9.0	8.5	79.3
Manufacturing	125.6	122.6	121.8	95.8	27.5	123.2	123.0	666.8
Food, beverages and tobacco	35.8	35.0	35.0	26.7	8.4	35.0	34.8	189.1
Textiles; clothing and footwear	4.8	*6.5	*7.1	*2.1	*5.1	*7.2	*7.2	*31.5
Wood and wood products	6.8	6.6	6.4	5.8	0.6	6.4	6.3	30.1
Furniture and mattresses	5.1	5.3	5.4	4.7	0.8	5.5	5.5	24.5
Paper, paper products, printing and publishing	12.7	11.2	12.6	8.5	4.3	12.8	12.7	71.2
Chemical, petroleum and coal products	5.8	4.1	3.7	2.9	0.9	3.7	3.7	22.8
Non-metallic mineral products	6.6	6.3	6.2	5.8	*.7	6.5	6.5	38.8
Basic metal products	7.3	6.5	6.5	6.1	0.5	6.6	6.6	46.5
Fabricated metal products	13.7	13.0	11.9	10.0	2.0	12.1	12.1	60.5
Motor vehicles and parts	3.8	3.6	3.4	3.1	0.3	3.4	3.5	17.5
Other transport equipment	8.1	7.0	7.2	6.8	*.5	7.3	7.3	45.4
Other machinery and equipment	9.8	11.8	10.5	8.6	2.1	10.7	10.8	58.4
Miscellaneous manufacturing	5.5	5.7	6.0	4.7	1.4	6.1	6.1	30.6
Electricity, gas and water	16.8	15.5	15.4	13.5	1.8	15.3	15.3	107.7
Construction	45.1	46.6	48.9	43.4	6.6	50.0	50.8	307.4
Wholesale and retail trade	170.5	183.5	182.6	97.2	87.7	184.9	184.3	698.8
Wholesale trade	51.6	54.9	56.5	41.4	15.4	56.8	56.4	300.8
Retail trade	118.9	128.7	126.2	55.8	72.3	128.1	127.9	398.0
Motor vehicles, petrol, tyres	28.9	30.9	30.7	23.8	7.0	30.8	30.6	135.8
Other retail trade	90.0	97.7	95.5	32.0	65.3	97.3	97.3	262.2
Transport and storage	51.8	48.1	48.3	40.7	8.3	49.0	48.6	314.8
Road transport	16.0	13.2	13.7	11.4	2.7	14.1	14.1	70.3
Other transport and storage	35.8	34.9	34.6	29.3	5.6	34.9	34.5	244.5
Communication	22.6	21.6	21.6	16.6	4.8	21.4	21.3	127.1
Finance, property and business services	77.2	77.3	84.1	42.8	43.2	86.1	86.2	482.4
Banking	18.8	19.0	19.0	8.2	10.8	19.0	19.2	100.5
Non-bank finance and investment	9.2	*8.9	9.6	4.8	5.1	9.9	9.9	60.6
Insurance and services to insurance	7.8	8.0	10.5	5.1	5.5	10.6	10.6	62.5
Property and business services	41.5	41.5	45.1	24.8	21.8	46.6	46.5	258.7
Public admin. and defence(c)	43.6	43.6	43.8	30.1	14.2	44.3	44.4	234.9
Commonwealth government admin.	9.8	9.4	9.6	4.7	5.2	10.0	10.0	56.5
State government admin.	9.6	9.6	9.5	5.7	3.8	9.5	9.5	52.3
Local government admin.	21.3	21.3	21.4	17.7	3.9	21.6	21.6	108.3
Other public admin. and defence(c)	3.1	3.3	3.3	2.0	1.3	3.3	3.3	17.8
Community services	181.7	178.4	179.6	66.3	116.2	182.5	183.7	918.4
Health	73.2	71.0	70.1	16.4	53.9	70.2	69.9	357.7
Education, museum and library services	73.1	72.4	72.6	27.0	46.5	73.6	73.8	370.5
Welfare and other community services	35.5	34.9	37.0	22.9	15.8	38.7	40.0	190.2
Recreation, personal and other services(a)	67.5	72.2	63.4	26.5	40.1	66.7	65.2	202.4
Entertainment and recreational services	14.4	14.9	12.9	7.4	6.7	14.1	13.1	42.5
Restaurants, hotels, personal services	53.1	57.4	50.4	19.2	33.4	52.6	52.2	159.9
Total all industries(d)	822.2	828.7	829.0	491.0	352.1	843.1	842.2	4,249.2

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	4.4	5.0	5.1	4.4	0.7	5.1	5.2	46.3
Manufacturing	92.9	94.1	93.0	69.7	23.8	93.5	93.3	509.5
Electricity, gas and water; construction	15.0	19.1	19.9	18.0	2.9	20.9	19.6	126.0
Wholesale and retail trade	86.2	99.6	100.2	53.6	46.9	100.5	100.1	388.1
Transport and storage	10.7	10.5	10.5	8.1	2.3	10.4	10.3	59.5
Finance, property and business services	43.2	43.7	40.8	17.6	23.6	41.2	41.1	204.4
Banking	5.6	5.7	5.8	2.6	3.2	5.8	5.8	30.6
Non-bank finance, investment and insurance	9.8	9.3	9.5	4.4	5.3	9.7	9.7	53.4
Property and business services	27.8	28.8	25.5	10.6	15.1	25.8	25.6	120.4
Community services	40.9	39.6	38.7	10.7	28.3	38.9	39.6	180.4
Health	24.1	22.7	22.2	3.6	18.7	22.3	23.0	111.3
Education, museum and library services	5.8	5.6	5.4	1.8	3.7	5.5	5.6	28.5
Welfare and other community services	11.0	11.3	11.2	5.2	5.9	11.2	11.0	40.6
Recreation, personal and other services(a)	30.8	31.4	31.0	13.1	18.0	31.0	30.6	93.3
<b>Total all industries(b)</b>	<b>324.1</b>	<b>343.0</b>	<b>339.2</b>	<b>195.2</b>	<b>146.4</b>	<b>341.7</b>	<b>339.8</b>	<b>1,607.5</b>
PUBLIC								
Agriculture, forestry, fishing and hunting	0.7	0.6	0.6	0.5	0.1	0.6	0.7	3.4
Mining	1.2	1.2	1.2	1.0	0.2	1.2	1.2	10.4
Manufacturing	4.0	4.1	4.0	3.5	0.5	4.0	4.0	20.1
Electricity, gas and water; construction	14.7	14.4	14.3	12.9	1.3	14.3	14.2	91.4
Wholesale and retail trade	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.9
Transport and storage	11.4	11.0	10.9	10.0	0.9	10.9	10.9	74.0
Communication	10.7	10.3	10.2	8.1	2.0	10.1	10.0	64.9
Finance, property and business services	9.4	9.6	9.5	5.0	4.5	9.5	9.5	53.9
Banking	5.8	5.7	5.8	2.9	2.9	5.7	5.8	29.4
Non-bank finance, investment and insurance	1.2	1.5	1.4	0.7	0.8	1.4	1.4	9.4
Property and business services	2.3	2.5	2.3	1.4	0.9	2.3	2.3	15.1
Public administration and defence(c)	20.3	21.6	21.3	13.3	8.0	21.3	21.3	121.5
Community services	77.8	75.9	77.0	31.5	44.9	76.4	77.0	462.7
Health	29.5	29.3	29.2	7.4	21.8	29.2	29.2	167.3
Education, museum and library services	35.2	33.2	34.5	14.2	19.8	34.0	34.5	208.0
Welfare and other community services	13.1	13.4	13.3	9.8	3.4	13.2	13.2	87.5
Recreation, personal and other services	3.4	2.9	2.6	1.0	1.6	2.6	2.6	12.8
<b>Total all industries</b>	<b>153.7</b>	<b>151.7</b>	<b>151.8</b>	<b>86.9</b>	<b>64.1</b>	<b>151.0</b>	<b>151.5</b>	<b>916.0</b>

For footnotes see end of table.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	5.6	6.2	6.2	5.4	0.9	6.3	6.3	56.7
Manufacturing	96.9	98.2	97.0	73.2	24.2	97.4	97.3	529.6
Food, beverages and tobacco	18.4	18.3	15.9	10.1	5.6	15.8	15.5	79.7
Textiles; clothing and footwear	7.0	6.5	6.4	2.8	3.8	6.6	6.7	31.0
Wood and wood products	4.9	6.4	7.0	6.0	0.9	6.9	7.0	41.5
Furniture and mattresses	2.3	3.2	3.2	*2.5	* 7	3.2	3.2	12.8
Paper, paper products, printing and publishing	8.3	9.0	9.3	6.1	3.4	9.5	9.3	50.9
Chemical, petroleum and coal products	2.8	3.0	2.7	2.1	0.6	2.7	2.7	18.3
Non-metallic mineral products	2.9	3.0	3.0	2.7	*3	3.0	3.1	19.9
Basic metal products	7.8	7.4	7.4	6.9	0.5	7.4	7.4	51.0
Fabricated metal products	7.8	8.7	8.8	7.3	1.4	8.7	9.0	47.4
Motor vehicles and parts	12.3	11.8	11.6	10.5	1.3	11.9	11.7	66.5
Other transport equipment	1.9	2.1	2.1	2.0	0.1	2.1	2.1	10.7
Other machinery and equipment	14.2	11.7	11.8	8.6	3.4	11.9	11.9	60.2
Miscellaneous manufacturing	6.8	7.2	7.8	5.6	2.2	7.8	7.9	39.9
Electricity, gas and water	11.1	10.9	10.9	9.8	1.0	10.8	10.8	71.7
Construction	18.6	22.6	23.3	21.1	3.2	24.3	23.0	145.6
Wholesale and retail trade	86.4	99.8	100.4	53.7	46.9	100.6	100.2	389.0
Wholesale trade	27.9	31.3	30.4	21.2	9.6	30.8	30.7	165.3
Retail trade	58.5	68.4	70.0	32.5	37.4	69.9	69.6	223.7
Motor vehicles, petrol, tyres	12.9	15.5	17.0	13.2	3.4	16.6	16.7	72.5
Other retail trade	45.6	53.0	53.0	19.3	33.9	53.3	52.9	151.2
Transport and storage	22.1	21.5	21.4	18.1	3.2	21.3	21.2	133.5
Road transport	9.5	8.7	8.6	7.5	1.1	8.6	8.6	48.9
Other transport and storage	12.6	12.8	12.8	10.6	2.1	12.7	12.6	84.6
Communication	10.7	10.3	10.2	8.1	2.0	10.1	10.0	64.9
Finance, property and business services	52.6	53.3	50.3	22.6	28.1	50.7	50.6	258.3
Banking	11.4	11.3	11.5	5.5	6.1	11.5	11.6	59.9
Non-bank finance and investment	6.5	5.1	5.2	2.2	3.1	5.3	5.2	27.7
Insurance and services to insurance	4.5	5.6	5.8	2.9	3.0	5.9	5.9	35.1
Property and business services	30.1	31.3	27.8	12.0	16.0	28.0	27.9	135.5
Public admin. and defence(c)	20.3	21.6	21.3	13.3	8.0	21.3	21.3	121.5
Commonwealth government admin.	5.8	5.6	5.5	3.1	2.6	5.6	5.6	32.3
State government admin.	4.8	5.4	5.4	3.3	2.2	5.4	5.4	35.5
Local government admin.	8.3	8.6	8.5	5.9	2.5	8.4	8.4	43.2
Other public admin. and defence(c)	1.7	1.8	1.9	1.0	0.8	1.9	1.9	10.5
Community services	118.7	r 115.5	115.8	42.2	73.2	115.4	116.6	643.2
Health	53.6	52.0	51.3	11.0	40.5	51.5	52.3	278.5
Education, museum and library services	41.0	38.8	39.9	16.1	23.4	39.5	40.1	236.5
Welfare and other community services	24.1	r 24.7	24.5	15.1	9.3	24.4	24.2	128.1
Recreation, personal and other services(a)	34.2	34.3	33.6	14.1	19.6	33.7	33.2	106.1
Entertainment and recreational services	8.1	10.7	8.6	4.5	4.4	8.9	9.1	36.8
Restaurants, hotels; personal services	26.1	23.5	25.0	9.6	15.2	24.8	24.1	69.3
Total all industries(d)	477.7	r 494.7	491.0	282.1	210.6	492.7	491.2	2,523.5

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	23.4	23.4	24.3	21.1	3.7	24.8	24.1	229.4
Manufacturing	67.1	67.7	67.0	51.6	15.5	67.1	67.0	388.6
Electricity, gas and water; construction	20.1	22.7	21.8	19.4	2.6	22.0	22.7	159.9
Wholesale and retail trade	105.2	109.8	106.9	56.0	51.2	107.1	106.6	433.3
Transport and storage	17.3	15.9	15.9	12.4	3.4	15.8	15.5	104.9
Finance, property and business services	52.5	54.2	55.2	25.3	30.2	55.5	55.6	299.0
Banking	6.0	5.9	5.9	2.6	3.3	5.9	6.0	29.3
Non-bank finance, investment and insurance	12.1	11.4	12.3	5.3	7.1	12.4	12.3	88.9
Property and business services	34.4	37.0	37.0	17.4	19.7	37.2	37.2	180.8
Community services	36.4	38.6	36.7	9.0	28.1	37.1	37.1	150.5
Health	22.5	21.6	19.9	3.4	16.6	20.0	20.0	82.3
Education, museum and library services	5.1	7.2	6.8	2.1	4.9	7.0	7.1	33.7
Welfare and other community services	8.8	9.8	9.9	3.5	6.6	10.0	10.0	34.5
Recreation, personal and other services(a)	44.7	33.5	33.1	12.5	20.6	33.1	32.5	111.3
Total all industries(b)	366.7	365.9	360.8	207.3	155.4	362.7	361.2	1,877.6
PUBLIC								
Agriculture, forestry, fishing and hunting	1.3	1.5	1.6	1.2	0.3	1.5	1.6	9.9
Mining	0.1	-	-	-	-	-	-	0.2
Manufacturing	3.0	3.1	2.8	2.4	0.4	2.8	2.7	16.3
Electricity, gas and water; construction	15.4	15.1	15.0	13.4	1.5	14.9	15.1	103.5
Wholesale and retail trade	0.3	0.4	0.3	0.2	0.1	0.3	0.3	2.3
Transport and storage	10.1	9.7	9.9	8.9	1.0	9.9	9.8	65.9
Communication	10.3	10.2	10.2	7.6	2.5	10.1	9.9	59.4
Finance, property and business services	9.6	10.0	10.1	4.8	5.4	10.2	10.2	53.4
Banking	5.7	6.0	6.1	2.6	3.5	6.1	6.2	29.0
Non-bank finance, investment and insurance	1.4	1.5	1.5	0.6	0.9	1.5	1.5	7.8
Property and business services	2.5	2.5	2.5	1.7	0.9	2.6	2.6	16.6
Public administration and defence(c)	23.3	23.3	23.2	14.8	8.7	23.5	23.4	133.1
Community services	83.1	81.5	82.7	32.6	51.2	83.8	84.4	487.4
Health	30.2	29.9	30.1	8.4	21.8	30.2	30.3	185.7
Education, museum and library services	40.9	39.4	40.4	15.5	25.7	41.2	41.8	220.7
Welfare and other community services	12.0	12.2	12.2	8.8	3.7	12.4	12.3	81.0
Recreation, personal and other services	2.0	2.0	2.1	1.1	0.9	2.0	2.1	11.1
Total all industries	158.6	156.8	157.8	87.1	72.0	159.1	159.6	942.4

For footnotes see end of table.



TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	23.5	23.4	24.3	21.1	3.7	24.9	24.1	229.6
Manufacturing	70.1	70.8	69.8	53.9	15.9	69.9	69.7	404.9
Food, beverages and tobacco	12.1	13.2	11.8	8.4	3.4	11.8	11.9	59.6
Textiles; clothing and footwear	2.6	3.0	2.8	1.1	1.8	2.9	2.9	13.5
Wood and wood products	5.0	4.8	5.1	4.3	0.7	5.0	5.0	26.4
Furniture and mattresses	4.3	3.6	3.8	3.0	0.8	3.8	4.0	18.1
Paper, paper products, printing and publishing	8.1	8.5	8.6	4.5	4.1	8.6	8.5	46.2
Chemical, petroleum and coal products	3.4	3.1	3.5	2.8	0.8	3.5	3.6	25.4
Non-metallic mineral products	4.7	5.3	5.1	4.6	0.5	5.1	5.2	34.9
Basic metal products	6.5	6.9	6.7	6.2	0.5	6.8	6.7	51.4
Fabricated metal products	7.5	8.7	7.8	6.9	1.1	7.9	7.6	47.9
Transport equipment	4.3	4.4	4.4	4.0	0.3	4.4	4.4	24.6
Other machinery and equipment	8.7	6.4	6.8	5.9	1.0	6.9	6.8	40.7
Miscellaneous manufacturing	2.7	2.9	3.2	2.2	1.0	3.2	3.1	16.1
Electricity, gas and water	10.9	10.6	10.4	9.5	0.9	10.4	10.5	74.2
Construction	24.6	27.2	26.3	23.3	3.2	26.5	27.3	189.2
Wholesale and retail trade	105.5	110.2	107.2	56.2	51.3	107.5	106.9	435.6
Wholesale trade	29.1	33.7	32.2	23.8	9.2	32.9	32.5	193.3
Retail trade	76.4	76.5	75.0	32.4	42.1	74.5	74.4	242.3
Motor vehicles, petrol, tyres	18.9	17.6	17.7	14.0	3.8	17.8	17.6	84.0
Other retail trade	57.5	58.9	57.3	18.4	38.3	56.8	56.8	158.3
Transport and storage	27.4	r 25.6	25.7	21.3	4.4	25.7	25.3	170.9
Road transport	10.8	9.8	10.1	8.5	1.6	10.1	9.8	57.7
Other transport and storage	16.7	r 15.8	15.6	12.7	2.8	15.6	15.4	113.2
Communication	10.3	10.3	10.3	7.7	2.6	10.3	10.1	60.1
Finance, property and business services	62.1	64.1	65.3	30.1	35.6	65.7	65.8	352.4
Banking	11.7	11.8	12.0	5.1	6.9	12.0	12.2	58.3
Non-bank finance and investment	7.7	6.9	7.3	3.2	4.2	7.4	7.3	59.4
Insurance and services to insurance	5.8	5.9	6.4	2.7	3.8	6.5	6.5	37.3
Property and business services	36.9	39.5	39.5	19.1	20.7	39.8	39.8	197.4
Public admin. and defence(c)	23.3	23.3	23.2	14.8	8.7	23.5	23.4	133.1
Commonwealth government admin.	6.6	6.1	6.1	3.3	3.1	6.3	6.2	35.1
State government admin.	5.3	5.5	5.5	3.6	2.0	5.6	5.6	39.9
Local government admin.	10.2	10.3	10.2	7.1	3.1	10.2	10.1	48.6
Other public admin. and defence(c)	1.3	1.4	1.4	0.8	0.6	1.4	1.4	9.5
Community services	119.5	120.1	119.3	41.6	79.2	120.9	121.5	637.9
Health	52.7	51.5	50.0	11.8	38.4	50.2	50.3	268.0
Education, museum and library services	46.0	46.6	47.2	17.6	30.6	48.2	48.9	254.4
Welfare and other community services	20.8	22.0	22.1	12.2	10.2	22.4	22.4	115.4
Recreation, personal and other services(a)	46.7	35.5	35.2	13.6	21.6	35.2	34.6	122.5
Entertainment and recreational services	7.6	7.3	6.7	3.1	3.3	6.3	6.4	25.0
Restaurants, hotels, personal services	39.1	28.3	28.5	10.5	18.3	28.8	28.2	97.5
Total all industries(d)	525.3	r 522.7	518.7	294.3	227.4	521.8	520.8	2,820.0

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	3.0	2.9	2.7	2.6	0.1	2.8	2.8	24.6
Manufacturing	24.6	25.4	25.5	19.9	5.8	25.7	25.3	150.7
Electricity, gas and water; construction	4.8	5.4	5.0	4.1	*7	4.8	4.9	24.2
Wholesale and retail trade	26.7	24.5	23.4	12.3	11.3	23.6	23.7	89.0
Transport and storage	4.0	4.0	4.0	3.3	0.7	4.0	3.9	21.0
Finance, property and business services	14.3	9.8	9.8	4.6	5.2	9.8	9.9	51.7
Banking	2.3	2.3	1.8	0.8	1.0	1.8	1.8	9.7
Non-bank finance, investment and insurance	2.3	*2.2	*2.1	0.9	*1.2	2.1	2.3	11.0
Property and business services	9.8	5.3	6.0	2.9	3.0	5.9	5.9	31.1
Community services	12.9	13.0	14.1	3.2	11.3	14.5	14.3	53.6
Health	6.7	*7.8	*8.2	*1.0	*7.4	*8.4	*8.3	31.5
Education, museum and library services	2.8	2.3	2.2	0.8	1.5	2.3	2.2	10.9
Welfare and other community services	3.5	2.9	3.7	1.4	2.4	3.8	3.8	11.2
Recreation, personal and other services(a)	10.1	13.7	11.4	4.1	7.3	11.4	11.4	33.5
Total all Industries(b)	100.5	98.7	96.0	54.0	42.5	96.6	96.3	448.3
PUBLIC								
Agriculture, forestry, fishing and hunting	0.8	0.8	0.8	0.6	0.1	0.7	0.7	4.3
Manufacturing	0.1	0.1	0.1	0.1	-	0.1	0.1	0.7
Electricity, gas and water; construction	7.3	6.8	6.8	6.1	0.6	6.7	6.7	43.7
Wholesale and retail trade	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.9
Transport and storage	2.8	2.7	2.7	2.5	0.2	2.7	2.7	16.6
Communication	3.4	3.2	3.2	2.5	0.7	3.2	3.1	21.3
Finance, property and business services	2.6	2.6	2.6	1.7	0.9	2.6	2.6	15.0
Banking	0.8	0.8	0.8	0.4	0.4	0.8	0.7	4.1
Non-bank finance, investment and insurance	0.5	0.5	0.5	0.3	0.2	0.5	0.5	2.8
Property and business services	1.3	1.3	1.4	1.0	0.3	1.3	1.3	8.1
Public administration and defence(c)	8.5	8.7	8.5	5.7	2.9	8.6	8.5	48.1
Community services	27.3	26.0	27.2	10.9	16.6	27.5	27.1	147.9
Health	10.6	10.7	10.6	2.8	7.9	10.6	10.6	58.9
Education, museum and library services	13.6	12.3	13.5	5.9	7.9	13.7	13.5	69.2
Welfare and other community services	3.1	3.1	3.1	2.3	0.9	3.2	3.1	19.8
Recreation, personal and other services	0.7	0.6	0.7	0.4	0.2	0.6	0.7	4.0
Total all Industries	53.8	51.9	52.6	30.6	22.4	53.0	52.3	302.4

For footnotes see end of table.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	3.0	2.9	2.7	2.6	0.1	2.8	2.8	24.6
Manufacturing	24.7	25.5	25.6	20.0	5.8	25.8	25.4	151.4
Food, beverages and tobacco	5.5	7.2	6.7	4.4	2.5	7.0	6.7	34.3
Textiles; clothing and footwear	1.9	1.8	2.4	1.2	1.3	2.4	2.4	12.3
Wood; wood products and furniture	3.9	3.9	3.8	3.3	0.5	3.8	3.7	19.4
Paper, paper products, printing and publishing	5.4	5.1	5.1	4.2	0.8	5.1	5.0	36.4
Chemical, petroleum and coal products	0.8	0.9	0.9	0.8	0.1	0.9	0.9	6.5
Non-metallic mineral products	0.8	0.8	0.8	0.7	0.1	0.8	0.8	5.2
Basic metal products	2.9	2.8	2.8	2.7	0.1	2.9	2.8	21.9
Fabricated metal products	1.5	*1.4	*1.4	*1.3	*1	*1.4	*1.5	*7.0
Transport equipment	0.9	0.7	0.7	0.6	0.1	0.7	0.7	4.1
Other manufacturing	1.1	*.9	0.8	0.7	*.2	0.9	0.9	4.2
Electricity, gas and water	5.4	4.9	4.9	4.4	0.4	4.8	4.8	33.1
Construction	6.8	7.3	6.9	5.7	0.9	6.7	6.8	34.8
Wholesale and retail trade	26.9	24.6	23.6	12.4	11.4	23.8	23.9	89.9
Wholesale trade	7.6	7.0	6.6	4.8	1.9	6.7	6.7	35.4
Retail trade	19.3	17.7	17.0	7.7	9.5	17.1	17.2	54.5
Motor vehicles, petrol, tyres	4.0	3.5	3.9	2.8	*.9	3.7	3.7	16.9
Other retail trade	15.3	14.2	13.1	4.8	8.6	13.4	13.4	37.6
Transport and storage	6.8	6.7	6.7	5.8	0.9	6.7	6.6	37.6
Road transport	2.9	3.0	2.9	2.6	0.4	3.0	2.9	13.9
Other transport and storage	3.9	3.7	3.7	3.2	0.5	3.7	3.7	23.7
Communication	3.4	3.2	3.2	2.5	0.7	3.2	3.1	21.3
Finance, property and business services	16.9	12.4	12.4	6.3	6.1	12.4	12.5	66.7
Banking	3.0	3.0	2.5	1.2	1.3	2.5	2.5	13.8
Non-bank finance and investment	1.2	*1.4	*1.2	*.5	*.7	*1.3	*1.4	*5.9
Insurance and services to insurance	1.5	1.3	1.3	0.6	0.7	1.3	1.4	7.9
Property and business services	11.1	6.6	7.3	4.0	3.3	7.2	7.2	39.2
Public admin. and defence(c)	8.5	8.7	8.5	5.7	2.9	8.6	8.5	48.1
Commonwealth government admin.	1.9	2.0	2.0	1.1	0.9	2.0	2.0	11.2
State government admin.	2.6	2.6	2.5	1.6	0.9	2.6	2.6	15.9
Local government admin.	3.3	3.3	3.0	2.3	0.8	3.1	3.1	15.9
Other public admin. and defence(c)	0.9	0.9	0.9	0.6	0.3	0.9	0.9	5.1
Community services	40.3	39.1	41.3	14.1	27.9	42.0	41.5	201.5
Health	17.3	18.4	18.7	3.8	15.2	19.0	18.9	90.5
Education, museum and library services	16.4	14.6	15.8	6.7	9.4	16.1	15.7	80.0
Welfare and other community services	6.6	6.0	6.8	3.7	3.3	7.0	6.9	31.0
Recreation, personal and other services(a)	10.7	14.3	12.1	4.5	7.6	12.1	12.1	37.4
Entertainment and recreational services	3.3	5.6	3.5	1.7	*1.9	3.6	3.7	13.7
Restaurants, hotels, personal services	7.4	8.7	8.6	2.8	5.7	8.5	8.4	23.7
Total all industries(d)	154.2	150.6	148.7	84.6	64.9	149.5	148.6	750.7

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY - INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Mining	1.8	1.8	1.8	1.5	0.3	1.8	1.7	14.4
Manufacturing	2.3	2.7	2.9	2.4	0.6	3.0	3.1	16.6
Electricity, gas and water	1.1	1.2	1.2	1.0	0.2	1.2	1.2	8.9
Construction	3.9	4.7	4.5	4.0	0.7	4.7	5.1	32.0
Wholesale and retail trade	10.4	7.6	9.4	4.8	4.6	9.4	9.8	38.4
Transport and storage	2.1	1.7	1.8	1.4	0.5	1.9	1.9	12.5
Communication	1.5	1.4	1.4	1.0	0.4	1.4	1.4	8.9
Finance, property and business services	5.1	5.2	4.7	2.1	2.7	4.8	4.9	24.9
Public administration and defence(a)	6.4	6.3	6.4	3.7	2.7	6.4	6.5	41.4
Community services	19.1	14.7	14.8	5.8	9.0	14.8	15.0	86.1
Health	3.8	5.3	5.5	1.6	3.9	5.6	5.4	35.2
Education, museum and library services	5.3	5.1	5.1	1.8	3.2	5.0	5.2	30.6
Welfare and other community services	10.1	4.4	4.2	2.3	*1.9	4.2	4.4	20.3
Recreation, personal and other services(b)	3.3	3.5	3.2	1.5	2.0	3.5	3.5	13.6
<b>Total all industries(c)</b>	<b>56.8</b>	<b>50.7</b>	<b>52.0</b>	<b>29.1</b>	<b>23.9</b>	<b>53.0</b>	<b>54.1</b>	<b>297.8</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to agriculture, forestry and hunting.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY - INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	June 1987	March 1988	April 1988	May 1988		June 1988	June Quarter 1988	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	4.5	4.7	4.8	3.6	1.3	4.9	4.9	28.4
Electricity, gas and water	1.0	0.9	0.9	0.8	0.1	0.9	0.9	6.4
Construction	3.8	4.5	4.3	4.0	0.5	4.5	4.9	27.2
Wholesale and retail trade	18.3	20.6	19.0	10.2	8.9	19.1	18.7	83.6
Transport and storage	3.5	*3.6	*3.5	*2.7	*.6	*3.4	*3.3	22.6
Communication	2.1	2.1	2.1	1.4	0.7	2.1	2.1	12.7
Finance, property and business services	12.0	11.5	12.1	5.3	7.0	12.3	12.4	63.5
Public administration and defence(a)	38.0	37.1	37.0	21.1	16.3	37.4	37.4	257.4
Community services	31.3	30.3	30.4	11.4	19.1	30.5	31.0	182.6
Health	8.4	8.1	8.3	1.7	6.7	8.4	8.5	46.7
Education, museum and library services	14.7	14.1	14.1	5.9	8.5	14.4	14.6	85.4
Welfare and other community services	*8.1	8.0	7.9	3.9	*3.9	7.8	7.9	50.5
Recreation, personal and other services(b)	8.3	10.7	10.9	4.6	6.4	11.0	10.7	38.1
Total all industries(c)	122.7	126.2	125.0	65.3	61.1	126.4	126.4	724.1

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes mining and employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR - EMPLOYER UNIT SIZE(a)

	<i>Less than 20 employees</i>		<i>20-99 employees</i>		<i>100 or more employees</i>		<i>Total</i>	
	<i>May 1988</i>	<i>June Quarter 1988</i>	<i>May 1988</i>	<i>June Quarter 1988</i>	<i>May 1988</i>	<i>June Quarter 1988</i>	<i>May 1988</i>	<i>June Quarter 1988</i>
	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>
AUSTRALIA BY INDUSTRY								
Mining	4.6	32.3	11.2	103.0	63.0	613.2	78.9	748.6
Manufacturing	185.2	874.2	214.7	1,163.8	608.6	3,950.8	1,008.5	5,988.7
Electricity, gas and water	0.2	1.0	0.4	2.9	5.1	33.8	5.7	37.7
Construction	122.1	586.0	62.8	435.7	62.5	508.5	247.5	1,530.2
Wholesale and retail trade	494.4	1,938.4	250.5	1,309.4	475.4	1,991.1	1,220.2	5,239.0
Transport and storage	57.1	255.6	34.7	209.7	57.3	424.5	149.0	889.8
Finance, property and business services	223.6	1,195.4	157.0	1,006.3	248.3	1,492.6	628.9	3,694.3
Community services	139.6	630.5	111.7	464.1	205.0	910.8	456.2	2,005.4
Recreation, personal and other services(b)	181.4	500.5	134.8	407.9	98.2	394.8	414.4	1,303.2
Total all industries(c)	1,408.6	6,015.9	977.8	5,102.9	1,823.5	10,320.8	4,209.9	21,439.6
STATES AND TERRITORIES								
New South Wales	507.6	2,259.1	339.7	1,814.1	690.3	4,075.7	1,537.5	8,148.8
Victoria	367.5	1,558.8	299.4	1,560.4	529.7	3,077.4	1,196.7	6,196.5
Queensland	221.5	880.6	129.9	648.7	237.7	1,231.5	589.2	2,760.8
South Australia	116.3	499.0	78.3	369.6	147.1	739.0	341.7	1,607.5
Western Australia	119.1	506.3	82.6	478.0	161.0	893.3	362.7	1,877.6
Tasmania	38.1	144.6	23.4	104.3	35.1	199.3	96.6	448.3
Northern Territory	14.1	67.8	9.1	45.9	8.3	42.3	31.6	156.0
Australian Capital Territory	24.4	99.6	15.3	81.8	14.4	62.6	54.1	244.0

(a) See Appendix 2. (b) Excludes private households employing staff (c) Includes employees of private enterprises classified to communication.



## APPENDIX 1 - EXPLANATORY NOTES

### Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

### Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. As an indicator of the number of employed wage and salary earners out of scope of the survey, and included in the first three groups above, the following estimates derived from other sources show the average number of employees for the year ended June 1988 as: New South Wales 73,600; Victoria 42,700; Queensland 49,800; South Australia 18,100; Western Australia 28,500; Tasmania 12,400; Northern Territory 2,700; Australian Capital Territory 7,500; and Australia 235,300.

### Survey design

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private sector*, a sample of approximately 15,000 private employer units was selected from the ABS register of businesses to ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into

separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. The statistical units are stratified by State, industry, and number of employees. An equal probability sample is selected from each stratum.

7. For the *Public sector*, statistical units are derived in the same way as for the private sector; data are collected in the survey from all public sector units.

8. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. The greater than usual change in the sample in recent quarters, however, has caused an increase in the standard error of the movement in the estimates between those periods (see paragraphs 10 and 11, below, for more information on interpretation of estimates of movements).

### Reliability of estimates

9. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 3 - Technical Note.

### Interpretation of estimates of movements

10. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Periodically, the ABS takes special steps to improve the coverage of the register in specific industry sectors. Recently, a number of checks have been undertaken of businesses in various industries listed on the register. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings for those industries.

11. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

### Comparability of results

12. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides

an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

13. Separate estimates of full-time and part-time employees are included in Table 4. For definitions of these terms, see Appendix 2 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 12, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

14. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March

quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

15. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

16. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

#### Employer unit size classification

17. Data presented in Table 14 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

#### Semi-logarithmic graphs

18. Diagram 5 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

#### Related publications

19. Users may also wish to refer to the following publications which are available on request:

*The Labour Force, Australia* (6203.0) — issued monthly

*Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) — issued 11 July 1985

*Average Weekly Earnings, Australia (Preliminary)* (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

*Pay Periodicity of Gross Wages and Salaries, Australia, September quarter 1984* (6347.0) — issued 5 September 1985

*Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage* — issued June 1986

*A Guide to Labour Statistics* (6102.0) — issued 10 February 1986

*Small Business in Australia 1983-84 to 1986-87* (1321.0) — issued September 1988.

20. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### Unpublished statistics

21. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section of the Inquiries box at the front of this publication, or to Information Services in the nearest ABS office.

#### Symbols and other usages

- nil or rounded to zero
- r revised
- \* subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 3 - Technical Note.

22. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

#### Electronic services

**VIATEL.** Key \*656# for selected current economic, social, and demographic statistics.

**AUSSTATS.** Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET. For further information phone the AUSSTATS Help Desk on (062) 52 6017.

**TELESTATS.** This service provides foreign trade statistics tailored to users' requirements. Further information is available on (062) 52 5404.

#### Floppy disk service

Selected ABS statistics are available on floppy disk. For further information phone (062) 52 6684.



## APPENDIX 2 - GLOSSARY

*Commonwealth government employees.* Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

*Employer units* are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of Appendix 1 - Explanatory Notes).

*Employer unit size.* To derive estimates of employer unit size, each of the approximately 15,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

*Full-time employees.* Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

*Gross earnings.* Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation which are not covered by insurance, i.e. 'make-up' pay; and severance, termination and redundancy payments.

*Industry.* Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition*, (1201.0).

*Local government employees.* Persons employed by municipalities and shires and other local authorities

created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

*Number of employees.* All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

*Part-time employees.* Permanent, temporary and casual employees who are not classified as full-time employees as defined.

*Public employees.* Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

*Reference period for the number of employees.* The last pay period ending on or before the third Friday in each month.

*Reference period for earnings.* All pay periods for which the end of the pay period falls within the quarter.

*Sector.* Public sector includes all government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

*State government employees.* Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory administration has been classified as a 'State' government.



## APPENDIX 3 - TECHNICAL NOTE

## Reliability of estimates

Estimates for the private sector in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all private employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing. Data for the public sector are obtained from a full enumeration of all agencies and thus are not subject to sampling errors.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate, have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A below only for the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an estimate. Table A shows standard errors for movements in the level of estimates for persons between the third month of successive quarters. Annual movement standard errors are also shown in Table A and relate to December 1986 - December 1987 movements. In the past, these would have been applicable to 1988 annual movements, as the magnitude of these standard errors does not change significantly over the course of a single year. However, because of the change in sample size in the March quarter 1988, standard errors for 1988 annual movements are somewhat higher than those shown in Table A. Revised annual movement standard errors will be published in the next issue of this publication.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,500,000 with a standard error of 25,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,475,000 to 5,525,000 and about nineteen chances in twenty that it would be in the range 5,450,000 to 5,550,000.

7. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

TABLE A. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - PRIVATE SECTOR :  
STANDARD ERRORS, JUNE 1988, PERSONS ('000)

Industry	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
LEVEL									
Mining	1.0	0.3	0.8	0.8	2.6	0.1	0.1	-	3.0
Manufacturing	6.6	6.0	3.4	2.3	2.4	0.7	0.3	0.5	10.1
Construction	4.8	6.4	4.2	1.9	2.4	0.8	1.0	0.8	9.7
Wholesale and retail trade	15.4	11.0	6.1	4.6	3.9	1.5	1.6	1.2	20.9
Transport and storage	2.8	3.6	1.5	0.8	1.5	0.3	0.2	0.9	5.1
Finance, property and business services	9.7	8.7	4.0	2.5	5.1	0.9	0.4	1.3	14.9
Community services	6.8	5.5	3.6	2.8	1.6	2.5	0.7	1.3	10.4
Recreation, personal and other services(a)	6.6	7.9	3.2	1.7	2.7	1.2	0.6	0.9	11.4
Total all industries	22.2	19.5	10.4	7.0	8.4	3.5	2.2	2.7	33.6
QUARTERLY MOVEMENT									
Mining	1.3	0.4	0.2	0.2	1.1	-	-	-	1.8
Manufacturing	5.3	4.2	1.8	1.2	1.5	0.3	0.2	0.4	7.3
Construction	2.1	2.8	3.8	1.0	1.5	0.3	0.5	0.3	5.5
Wholesale and retail trade	12.5	9.2	5.7	4.0	2.9	1.3	1.3	1.3	17.4
Transport and storage	1.5	1.5	0.7	0.2	0.5	0.3	0.1	0.5	2.3
Finance, property and business services	7.0	6.4	2.2	3.0	2.4	0.7	0.2	0.8	10.5
Community services	3.2	2.7	1.6	1.9	0.9	0.4	0.3	0.5	5.0
Recreation, personal and other services(a)	4.1	3.7	5.3	2.1	1.4	1.2	0.5	0.4	8.2
Total all industries	16.4	13.2	9.3	5.9	4.8	2.0	1.6	1.8	24.4
ANNUAL MOVEMENT(b)									
Mining	0.7	0.2	0.4	0.2	1.7	0.1	0.1	-	2.0
Manufacturing	5.8	5.1	3.1	2.0	3.0	0.3	0.2	0.2	9.1
Construction	2.9	2.6	2.5	0.8	2.1	0.5	0.3	0.4	5.2
Wholesale and retail trade	12.8	10.5	6.0	4.7	4.8	1.3	1.0	2.2	19.1
Transport and storage	2.1	2.4	1.1	0.6	1.2	0.2	0.3	1.5	3.9
Finance, property and business services	7.2	8.5	5.8	4.5	3.3	2.6	1.9	1.4	14.2
Community services	6.2	6.0	2.3	2.6	2.2	1.1	4.0	1.5	10.5
Recreation, personal and other services(a)	6.3	8.8	7.8	1.8	5.9	0.8	0.9	1.1	14.8
Total all industries	18.4	18.3	12.4	7.5	9.6	3.3	4.6	3.6	32.0

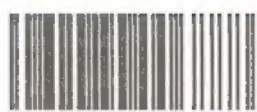
(a) Excludes private households employing staff. (b) See paragraph 5 above.

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